WATER PROPERTY OBSERVATIONS FROM THE NORTH COAST OCEANIC DYNAMICS EXPERIMENT (NCODE): MAY 1983 - DECEMBER 1985 VOLUME 7

by

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1988

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Canada

89-00721/

Canadian Data Report Of Hydrography and Ocean Sciences

These reports provide a medium for the documentation and dissemination of data in a form directly useable by the scientific and engineering communities.

Generally, the reports will contain raw and/or analyzed data but will not contain interpretations of the data. Such compilations will commonly have been prepared in support of work related to the programs and interests of the Ocean Science and Surveys (OSS) sector of the Department of Fisheries and Oceans.

Data Reports are produced regionally but are numbered and indexed nationally. Requests for individual reports will be fulfilled by the issuing establishment listed on the front cover and title page. Out of stock reports will be supplied for a fee by commercial agents.

Regional and headquarters establishments of Ocean Science and Surveys ceased publication of their various report series as of December 1981. A complete listing of these publications and the last number issued under each title are published in the *Canadian Journal of Fisheries and Aquatic Sciences*, Volume 38: Index to Publications 1981. The current series began with Report Number 1 in January 1982.

Rapport statistique canadien sur l'hydrographie et les sciences océaniques

Ces rapports servent de véhicule pour la compilation et la diffusion des données sous une forme directement utilisable par les scientifiques et les techniciens.

En général, les rapports contiennent des données brutes ou analysées mais ne fournissent pas d'interprétations des données. Ces compilations sont préparées le plus souvent à l'appui de travaux reliés aux programmes et intérêts du service des Sciences et Levés océaniques (SLO) du ministère des Pêches et des Océans.

Les rapports statistiques sont produits à l'échelon régional mais sont numérotés et placés dans l'index à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page de titre. Les rapports épuisés seront fournis contre rétribution par des agents commerciaux.

Les établissements des Sciences et Levés océaniques dans les régions et à l'administration centrale ont cessé de publier leurs diverses séries de rapports depuis décembre 1981. Vous trouverez dans l'index des publications du volume 38 du *Journal canadien des sciences halieutiques et aquatiques*, la liste de ces publications ainsi que le dernier numéro paru dans chaque catégorie. La nouvelle série a commencé avec la publication du Rapport n° 1 en janvier 1982.

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1988

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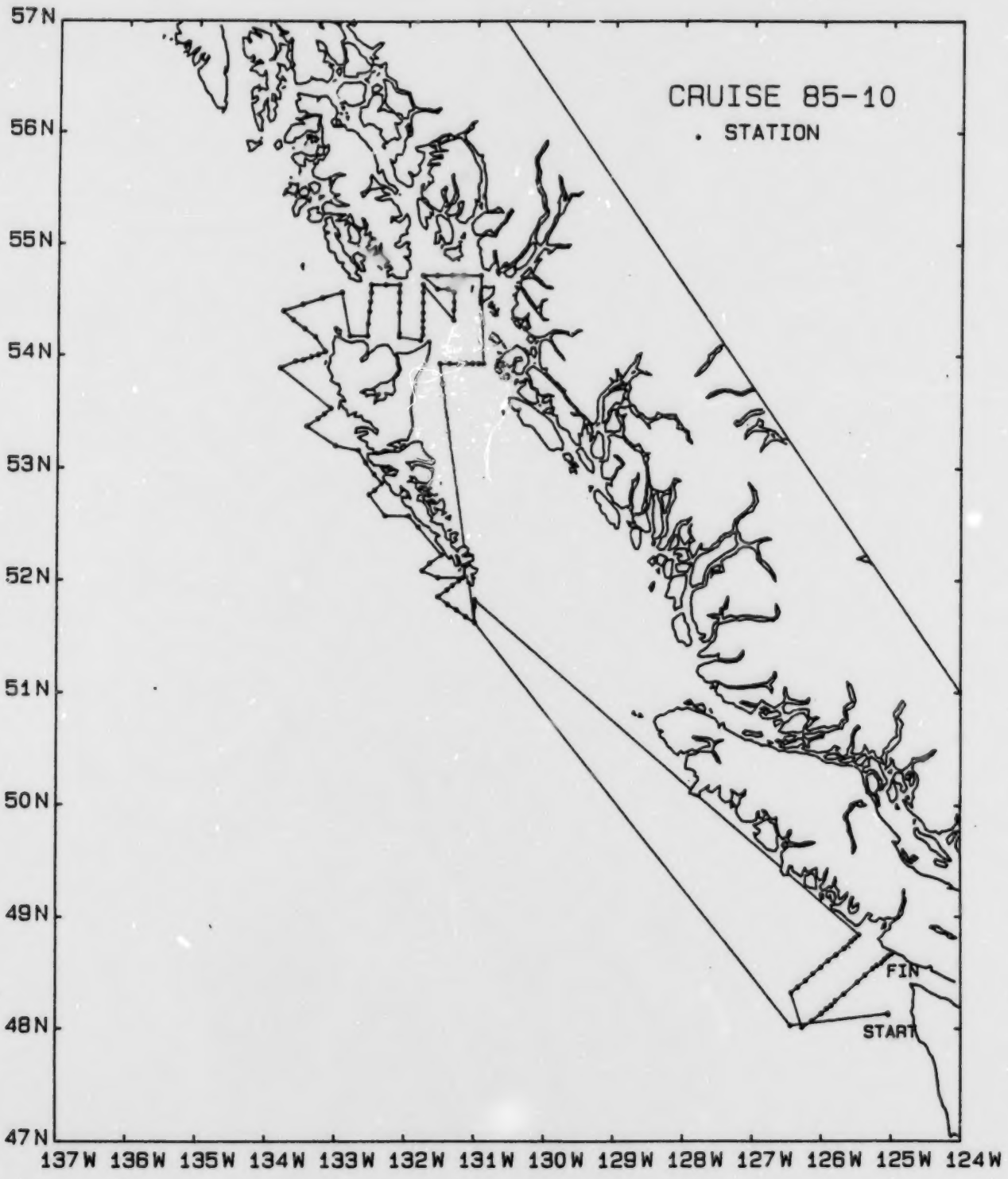
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NORTH COAST OCEANIC DYNAMICS EXPERIMENT

Key to information written on Plot pages and Listing pages.

PLOT PAGE

Ref. No. Year-Month-Station Consecutive Number
Latitude (°N) Longitude (°W)
Month Day Time (GMT)*

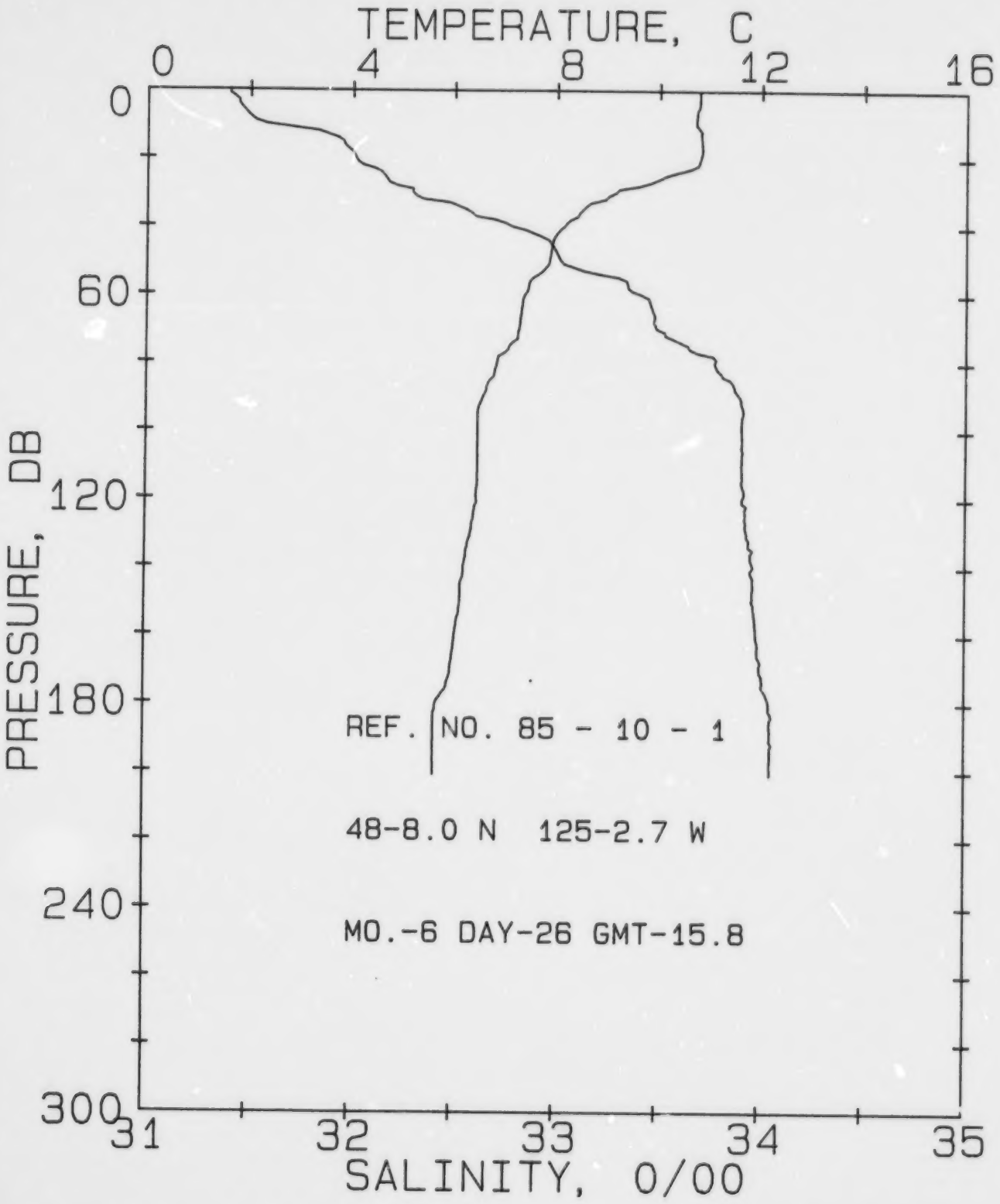
*PST = GMT - 8 hours

LISTING PAGE

Ref. No. Year-Month-Station Reference Number Date (D/Mo/Yr)
Position Latitude (°N) Longitude (°W) GMT (Hours) Station ID
Results of STP Cast ...Number of 1-metre averaged points
taken from digital system... Guildline (CTP) was used...
Pressures (in db) are input

PARAMETERS, SYMBOLS, UNITS

DEPTH: DEPTH in metres
TEMPERATURE: TEMP in degrees Celcius
SALINITY: SAL in grams per kilogram
SIGMA-T: SIG-T (dimensionless)
SPECIFIC VOLUME ANOMALY: SVA in 10Exp(-5)* cm^3/gram
GEOPOTENTIAL ANOMALY: DELTA-D in Joules/Kilogram
POTENTIAL ENERGY: POT. EN. in 10Exp(8) Ergs/cm^2
SPEED OF SOUND: SOUND in metres/second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OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 1 DATE 26/ 6/85
POSITION 48- 8.0N, 125- 2.7W GMT 15.8 STATION 1
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.79	31.40	0	24.04	388.1	.00	.00	1489.
10	10.72	31.58	10	24.19	374.1	.38	.02	1489.
20	10.80	32.02	20	24.51	343.3	.73	.07	1490.
30	9.15	32.30	30	25.00	296.9	1.06	.15	1484.
50	7.87	33.02	50	25.77	224.6	1.56	.36	1481.
75	7.09	33.64	75	26.36	168.3	2.04	.66	1479.
100	6.48	33.91	99	26.65	140.9	2.41	.99	1477.
125	6.40	33.93	124	26.68	139.1	2.76	1.39	1477.
150	6.15	33.96	149	26.74	133.7	3.10	1.87	1477.
175	5.89	34.01	174	26.81	127.2	3.42	2.40	1476.
200	5.63	34.05	199	26.87	121.3	3.73	2.99	1476.
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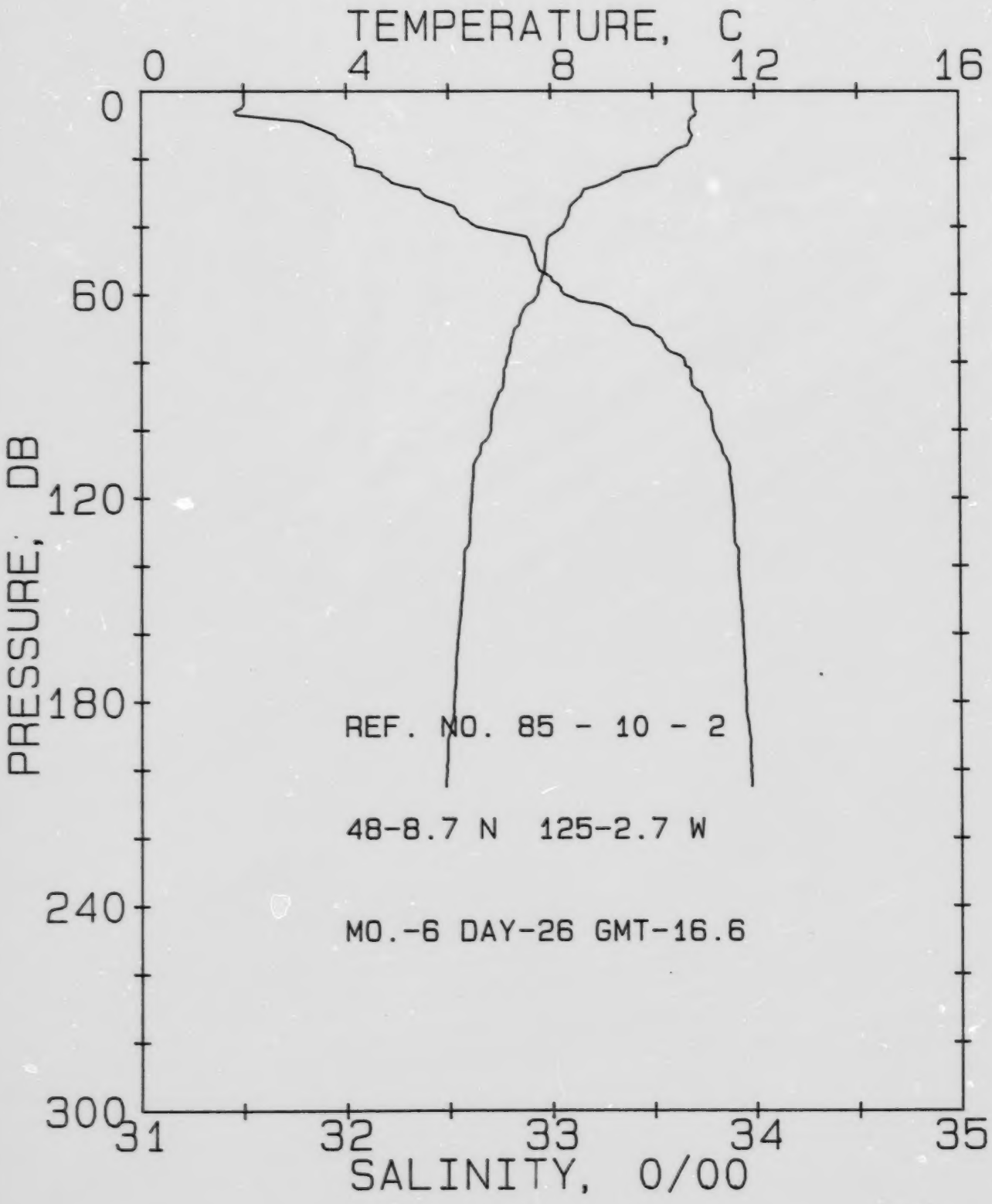
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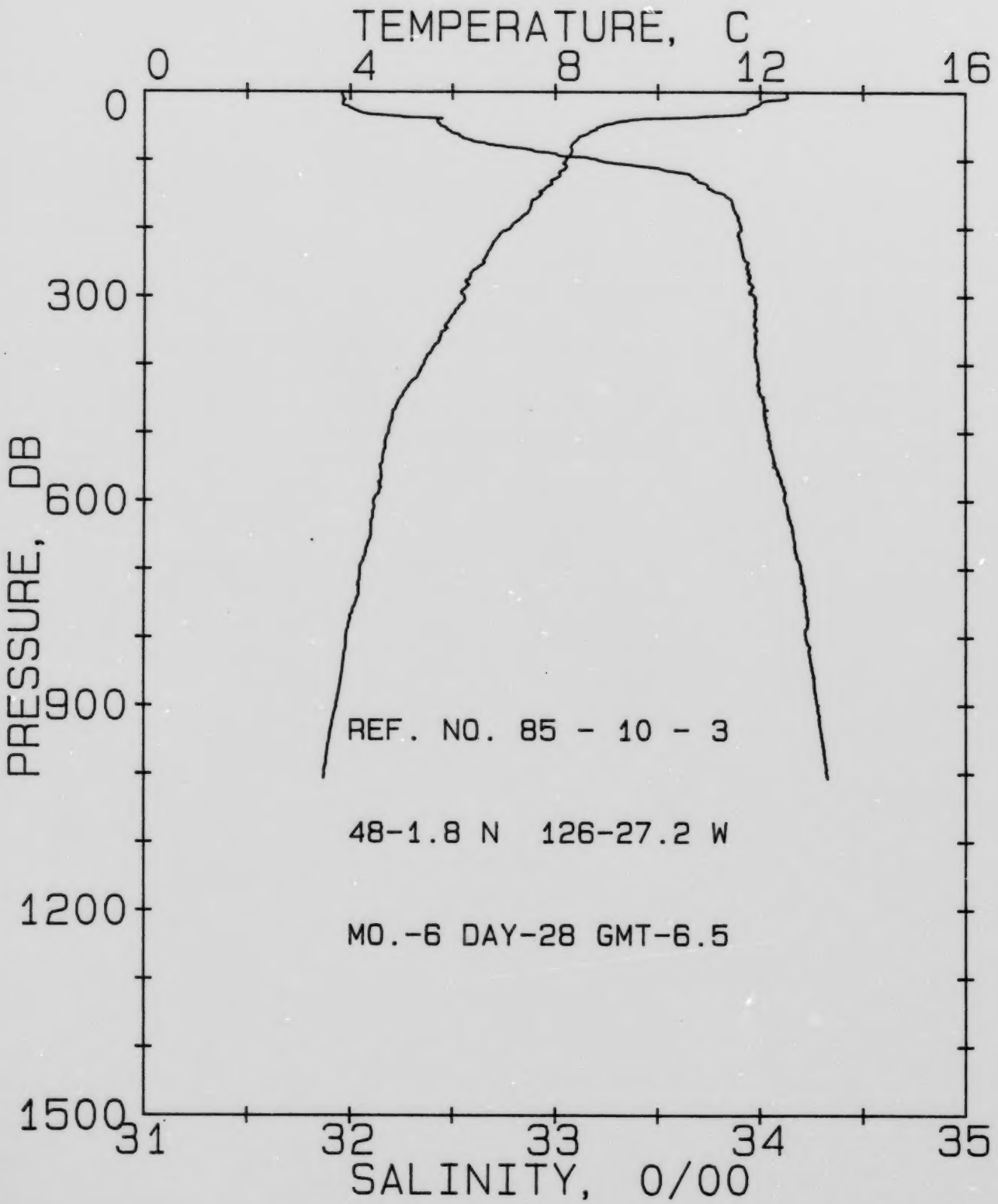
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 2 DATE 26/ 6/85
POSITION 48- 8.7N, 125- 2.7W GMT 16.6 STATION 2
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.81	31.50	0	24.11	381.0	.00	.00	1489.
10	10.73	31.83	10	24.38	356.0	.38	.02	1489.
20	10.22	32.04	20	24.63	331.9	.72	.07	1488.
30	8.63	32.37	30	25.14	283.4	1.03	.15	1482.
50	7.91	32.93	50	25.69	232.1	1.54	.35	1481.
75	7.21	33.56	75	26.28	176.2	2.05	.68	1479.
100	6.82	33.79	99	26.52	154.0	2.46	1.04	1478.
125	6.40	33.90	124	26.65	141.5	2.82	1.46	1477.
150	6.25	33.93	149	26.70	137.6	3.17	1.95	1477.
175	6.12	33.95	174	26.73	134.7	3.51	2.51	1477.
200	5.95	33.97	199	26.77	131.0	3.84	3.14	1477.
DEEPEST MEASUREMENT:								
205	5.93	33.98	204	26.78	130.4	3.91	3.28	1477.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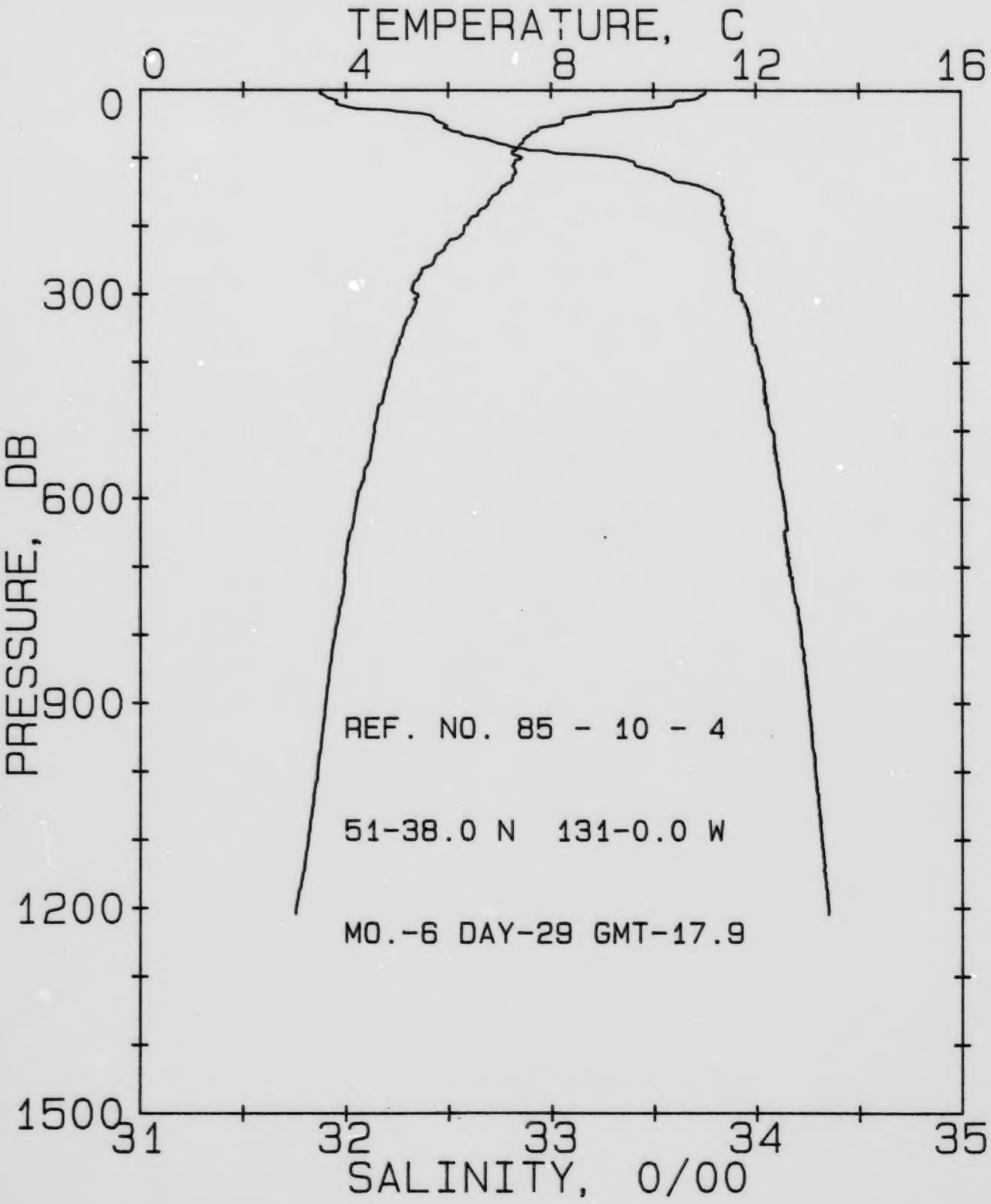
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 3 DATE 28/ 6/85
POSITION 48- 1.8N, 126-27.2W GMT 6.5 STATION SF 1
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.53	31.96	0	24.16	377.1	.00	.00	1495.
10	12.48	31.97	10	24.17	375.8	.38	.02	1495.
20	11.95	31.98	20	24.28	366.0	.75	.08	1494.
30	11.75	32.05	30	24.37	357.1	1.11	.17	1493.
50	8.91	32.44	50	25.16	282.6	1.73	.42	1484.
75	8.34	32.66	75	25.41	258.9	2.41	.85	1482.
100	8.22	33.21	99	25.86	216.7	3.00	1.38	1483.
125	8.05	33.68	124	26.25	180.0	3.49	1.94	1483.
150	7.73	33.82	149	26.41	164.8	3.93	2.55	1483.
175	7.48	33.88	174	26.49	157.7	4.33	3.21	1482.
200	7.13	33.91	199	26.56	151.0	4.71	3.94	1481.
225	6.78	33.91	224	26.61	146.7	5.08	4.75	1480.
250	6.63	33.94	248	26.66	142.6	5.45	5.63	1480.
300	6.23	33.97	298	26.74	135.8	6.14	7.57	1480.
400	5.44	33.99	397	26.84	126.1	7.45	12.24	1478.
500	4.76	34.04	496	26.97	115.1	8.65	17.74	1477.
600	4.45	34.12	595	27.06	106.8	9.76	23.96	1477.
800	3.91	34.22	793	27.20	94.5	11.76	38.15	1479.
1000	3.48	34.32	991	27.32	83.6	13.54	54.43	1480.

DEEPEST MEASUREMENT:

1007	3.47	34.33	998	27.33	83.3	13.59	55.03	1480.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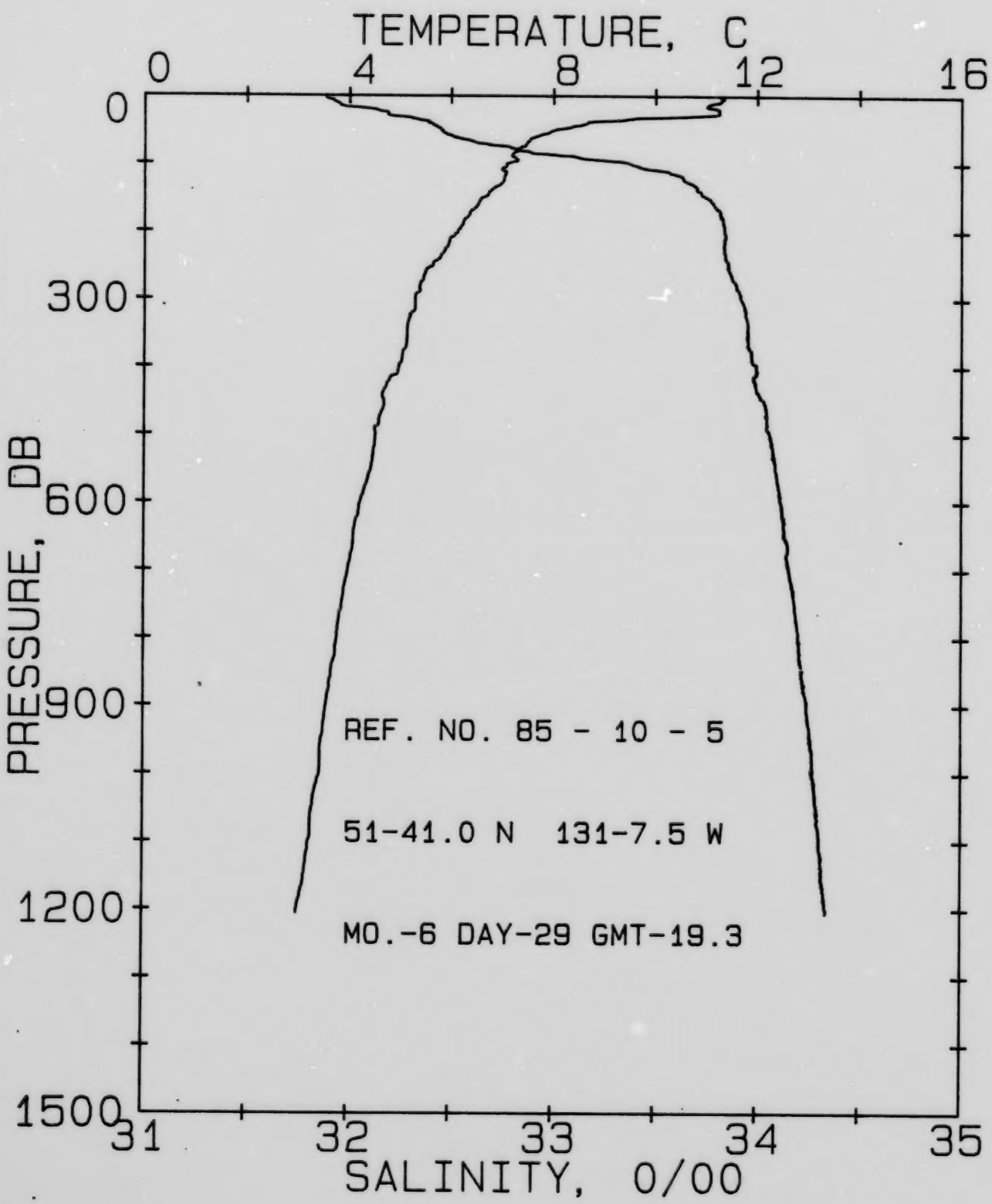
MO.-6 DAY-29 GMT-17.9
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 4 DATE 29/ 6/85
POSITION 51-38.0N, 131- .0W GMT 17.9 STATION K 4
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.02	31.88	0	24.37	356.9	.00	.00	1490.
10	10.90	31.90	10	24.41	353.1	.36	.02	1490.
20	10.40	31.96	20	24.53	341.3	.70	.07	1488.
30	9.21	32.23	30	24.94	302.7	1.03	.15	1484.
50	8.16	32.48	50	25.30	269.0	1.59	.38	1481.
75	7.46	32.71	75	25.58	242.8	2.23	.79	1479.
100	7.42	33.34	99	26.08	195.8	2.79	1.28	1480.
125	7.26	33.57	124	26.28	176.9	3.25	1.81	1480.
150	6.98	33.79	149	26.49	156.9	3.67	2.40	1480.
175	6.63	33.84	174	26.58	149.1	4.05	3.03	1479.
200	6.31	33.86	199	26.63	144.0	4.42	3.73	1478.
225	5.98	33.88	223	26.69	138.7	4.77	4.50	1477.
250	5.72	33.89	248	26.73	135.1	5.11	5.32	1477.
300	5.39	33.93	298	26.80	129.0	5.77	7.17	1476.
400	4.88	34.01	397	26.93	117.6	7.00	11.54	1476.
500	4.54	34.08	496	27.02	109.9	8.14	16.74	1476.
600	4.20	34.13	595	27.09	103.2	9.20	22.72	1476.
800	3.77	34.22	793	27.21	93.1	11.18	36.76	1478.
1000	3.43	34.28	990	27.30	85.9	12.96	53.13	1480.
1200	3.02	34.35	1188	27.39	77.8	14.60	71.51	1481.

DEEPEST MEASUREMENT:

1209	3.01	34.35	1197	27.39	77.8	14.67	72.37	1482.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1200
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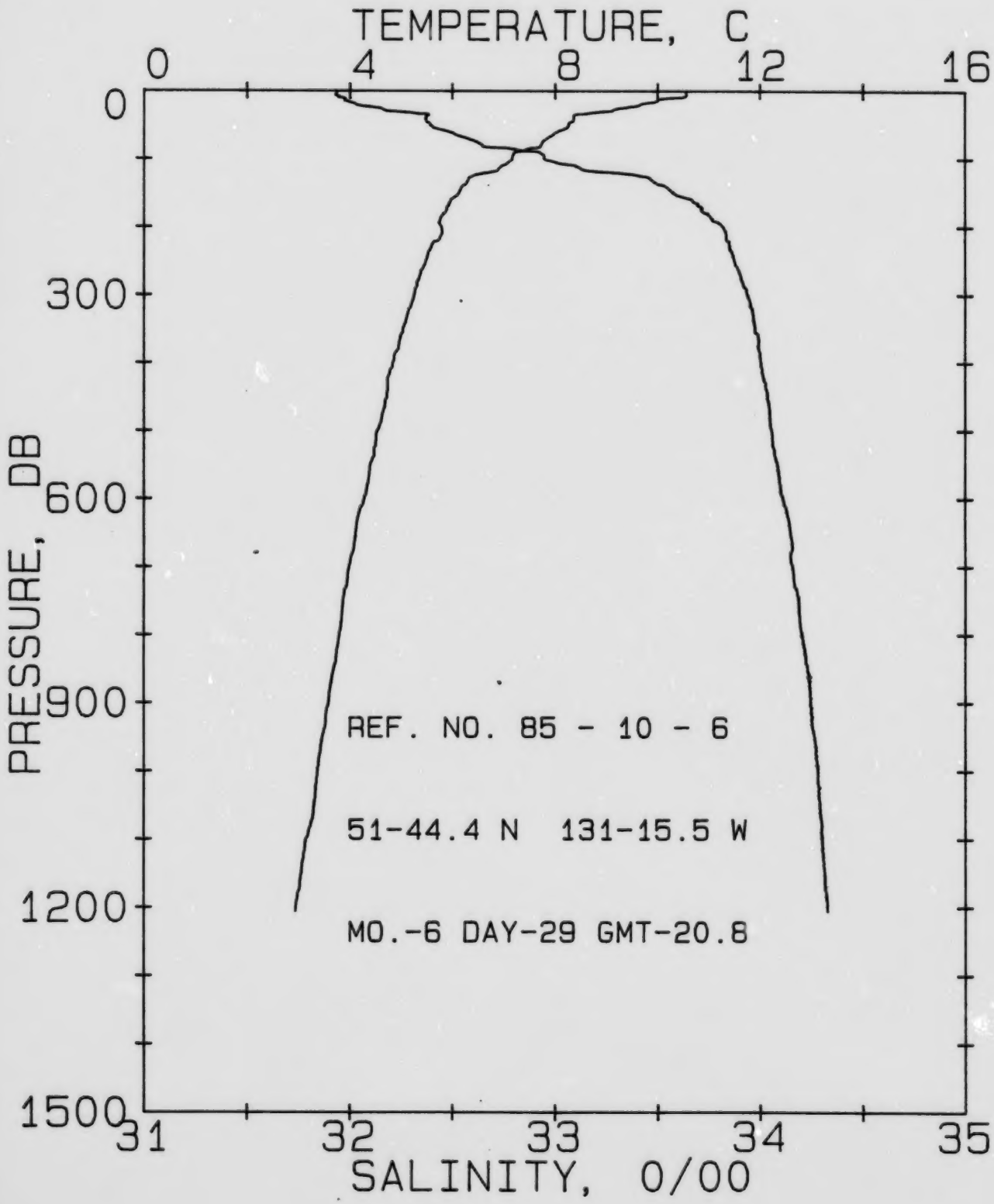
MO.-6 DAY-29 GMT-19.3
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 5 DATE 29/ 6/85
POSITION 51-41.0N, 131- 7.5W GMT 19.3 STATION L 1
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.29	31.89	0	24.33	360.8	.00	.00	1491.
10	11.17	31.94	10	24.39	354.8	.36	.02	1491.
20	11.26	32.13	20	24.52	342.7	.71	.07	1492.
30	10.59	32.22	30	24.71	325.0	1.05	.16	1489.
50	8.03	32.45	50	25.29	269.5	1.62	.39	1481.
75	7.39	32.78	75	25.65	236.4	2.26	.80	1479.
100	7.09	33.38	99	26.15	188.3	2.80	1.27	1479.
125	7.03	33.64	124	26.37	168.3	3.24	1.78	1479.
150	6.61	33.76	149	26.52	154.7	3.64	2.34	1478.
175	6.37	33.82	174	26.60	147.2	4.02	2.97	1478.
200	6.14	33.84	199	26.64	143.1	4.38	3.66	1477.
225	5.89	33.84	223	26.67	140.5	4.74	4.42	1477.
250	5.65	33.86	248	26.72	136.4	5.08	5.26	1476.
300	5.30	33.92	298	26.81	128.0	5.74	7.11	1476.
400	4.98	34.00	397	26.91	119.8	6.98	11.54	1476.
500	4.52	34.06	496	27.01	110.8	8.14	16.81	1476.
600	4.23	34.12	595	27.08	104.3	9.21	22.84	1476.
800	3.78	34.20	793	27.20	94.4	11.20	36.96	1478.
1000	3.45	34.27	990	27.28	87.1	13.00	53.47	1480.
1200	3.01	34.34	1188	27.38	78.3	14.65	71.99	1481.

DEEPEST MEASUREMENT:

1206	3.00	34.34	1194	27.38	78.4	14.70	72.56	1482.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MO.-6 DAY-29 GMT-20.8
31
32
33
34
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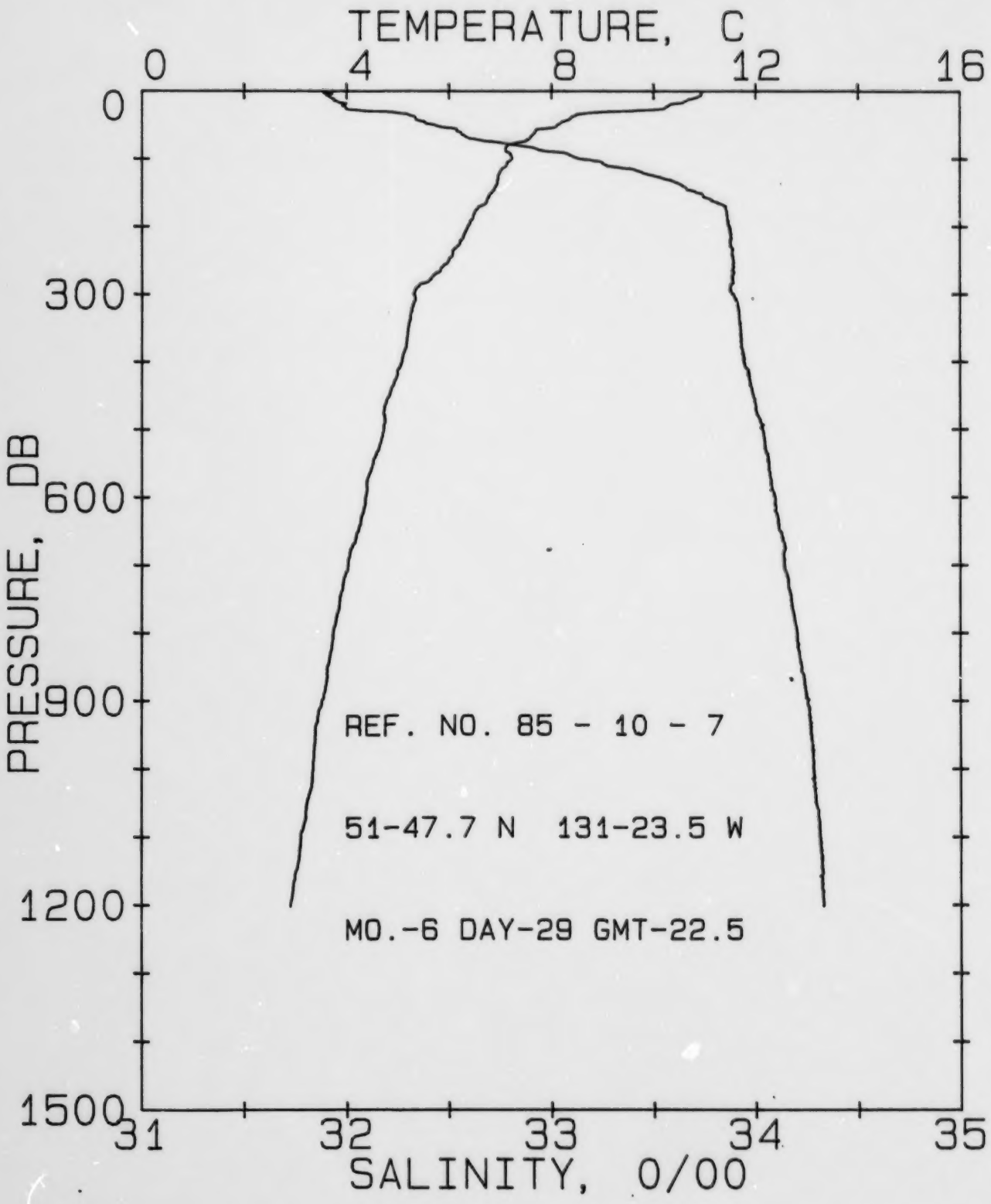
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 6 DATE 29/ 6/85
POSITION 51-44.4N, 131-15.5W GMT 20.8 STATION L 2
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.56	31.94	0	24.49	345.0	.00	.00	1489.
10	10.24	31.97	10	24.57	337.7	.34	.02	1488.
20	9.66	32.03	20	24.72	324.0	.68	.07	1486.
30	8.95	32.22	30	24.97	299.5	.99	.15	1483.
50	8.27	32.39	50	25.21	277.0	1.55	.38	1481.
75	7.76	32.62	75	25.47	253.3	2.21	.80	1480.
100	7.17	32.95	99	25.80	221.5	2.80	1.32	1479.
125	6.40	33.41	124	26.27	177.3	3.31	1.90	1477.
150	6.13	33.58	149	26.43	162.2	3.73	2.49	1476.
175	5.89	33.72	174	26.58	148.9	4.11	3.12	1476.
200	5.79	33.82	199	26.67	140.2	4.47	3.81	1476.
225	5.60	33.85	223	26.72	136.3	4.82	4.56	1476.
250	5.48	33.88	248	26.75	133.1	5.16	5.38	1476.
300	5.25	33.94	298	26.83	126.3	5.81	7.19	1476.
400	4.83	34.01	397	26.93	117.5	7.02	11.52	1476.
500	4.53	34.06	496	27.00	111.1	8.16	16.75	1476.
600	4.28	34.11	595	27.07	105.3	9.25	22.83	1477.
800	3.79	34.20	793	27.19	94.8	11.23	36.94	1478.
1000	3.37	34.28	990	27.30	85.6	13.02	53.36	1480.
1200	2.94	34.33	1188	27.38	78.6	14.67	71.78	1481.

DEEPEST MEASUREMENT:

1206	2.94	34.33	1194	27.38	78.3	14.72	72.36	1481.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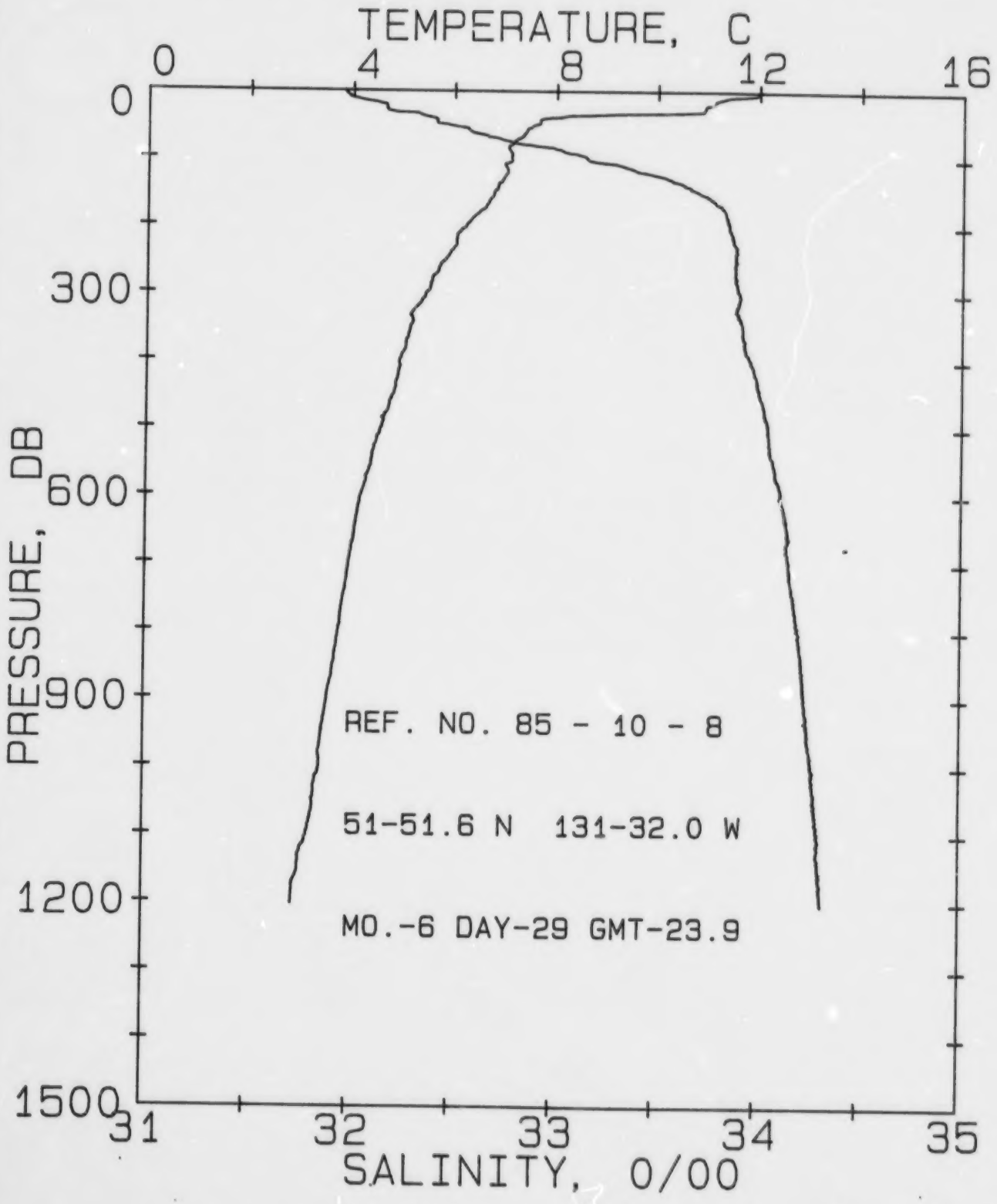
MO.-6 DAY-29 GMT-22.5
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 7 DATE 29/ 6/85
POSITION 51-47.7N, 131-23.5W GMT 22.5 STATION L 3
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.97	31.89	0	24.39	354.9	.00	.00	1490.
10	10.81	31.92	10	24.44	350.1	.35	.02	1490.
20	10.32	31.98	20	24.57	338.0	.70	.07	1488.
30	9.12	32.17	30	24.91	305.8	1.03	.15	1484.
50	8.11	32.44	50	25.27	271.8	1.60	.38	1481.
75	7.43	32.71	75	25.59	242.0	2.24	.79	1479.
100	7.23	33.14	99	25.94	208.4	2.79	1.28	1479.
125	6.96	33.50	124	26.27	178.0	3.27	1.83	1479.
150	6.84	33.71	149	26.45	161.2	3.69	2.42	1479.
175	6.55	33.86	174	26.60	146.9	4.08	3.06	1479.
200	6.37	33.88	199	26.64	143.6	4.44	3.75	1478.
225	6.22	33.88	223	26.66	141.8	4.80	4.52	1478.
250	6.00	33.89	248	26.70	138.1	5.14	5.37	1478.
300	5.30	33.89	298	26.78	130.8	5.82	7.25	1476.
400	5.08	33.94	397	26.85	125.1	7.09	11.79	1476.
500	4.72	34.03	496	26.96	115.1	8.28	17.26	1477.
600	4.36	34.09	595	27.05	107.4	9.40	23.48	1477.
800	3.73	34.20	793	27.20	94.0	11.41	37.79	1478.
1000	3.33	34.28	990	27.30	85.0	13.19	54.06	1479.
1200	2.89	34.33	1188	27.38	77.6	14.81	72.23	1481.

DEEPEST MEASUREMENT:

1202	2.89	34.33	1190	27.38	77.8	14.82	72.42	1481.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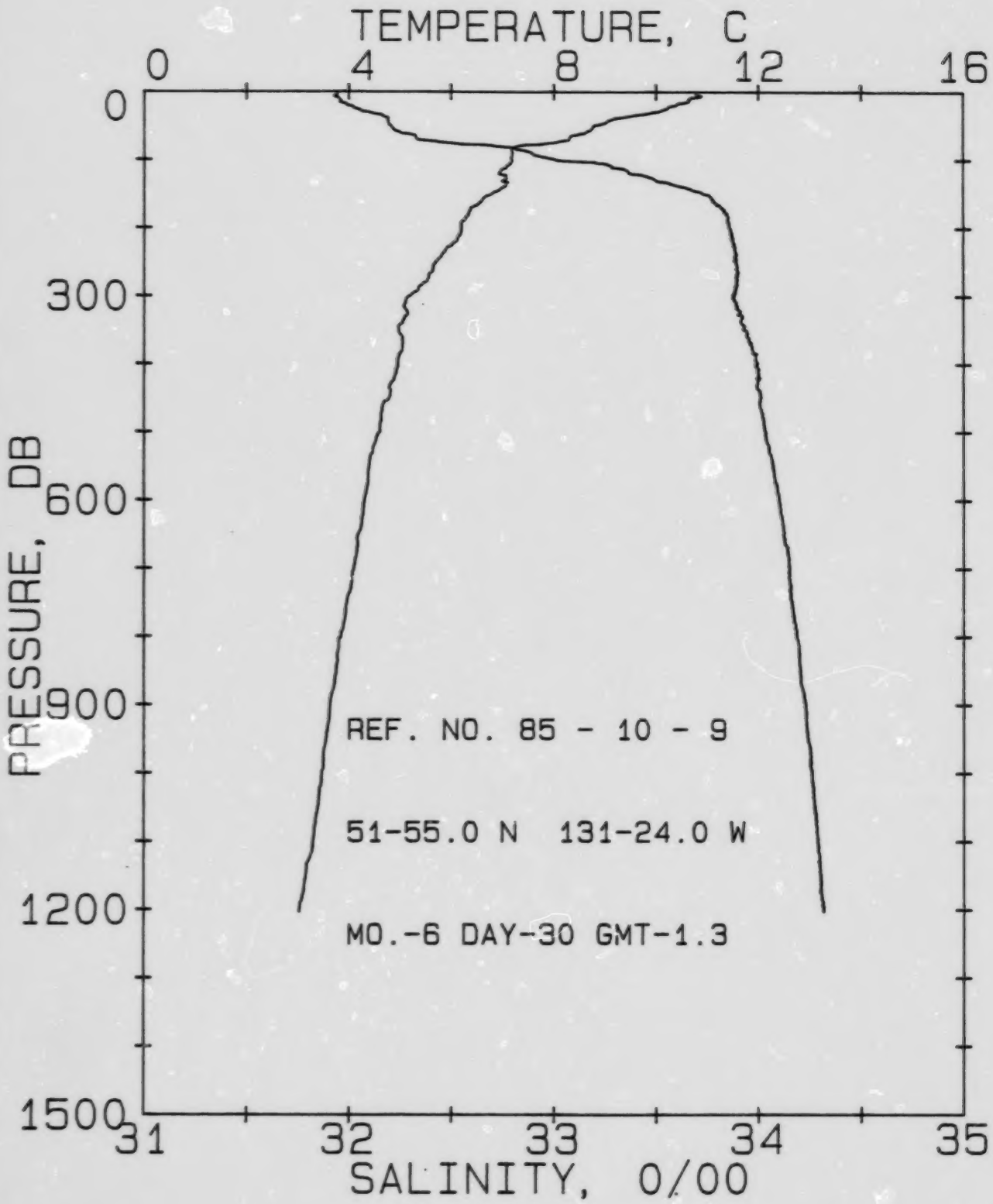
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 8
51-51.6 N 131-32.0 W
MO.-6 DAY-29 GMT-23.9
31
32
33
34
35
SALINITY, 0/00

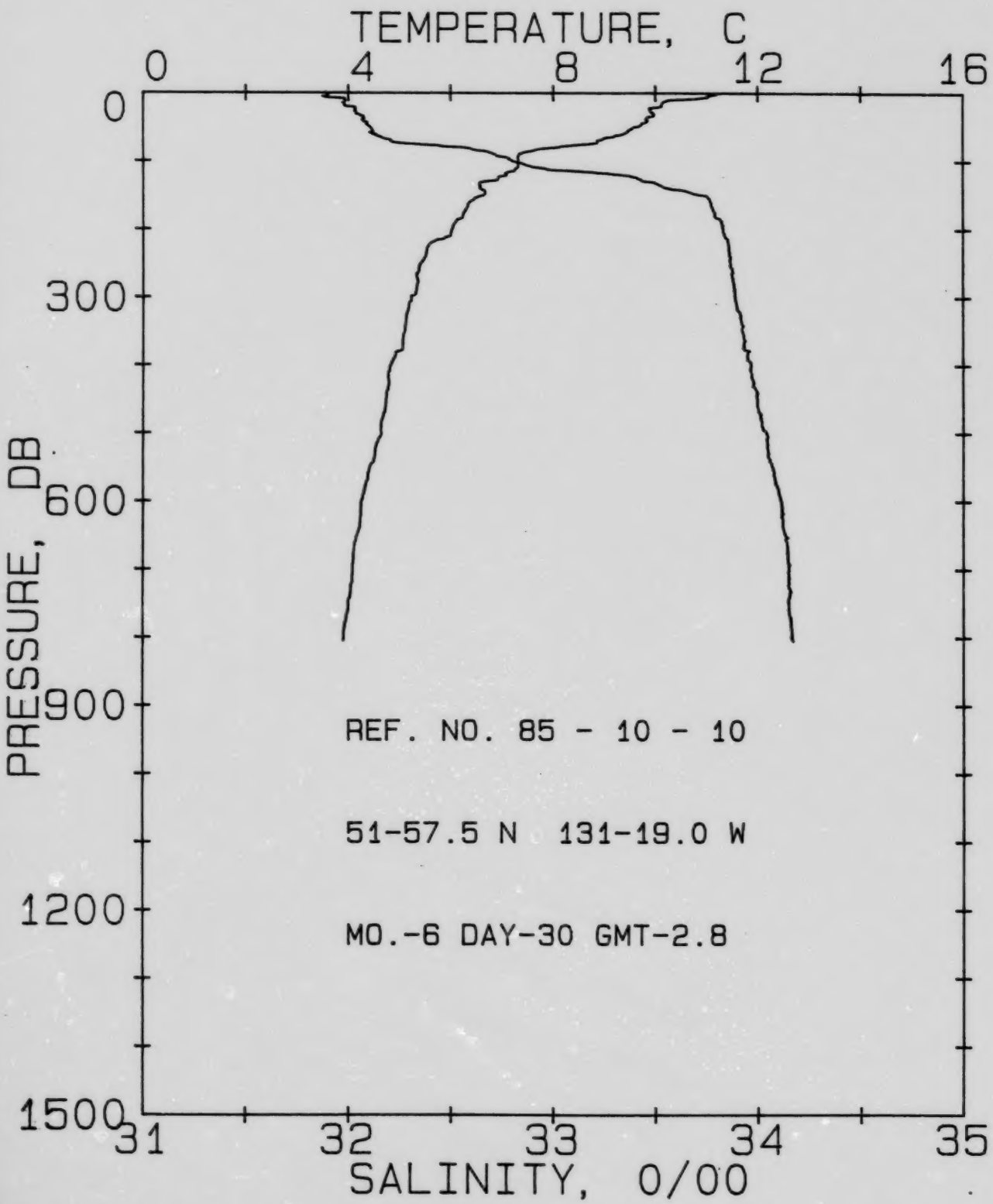
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 8 DATE 29/ 6/85
POSITION 51-51.6N, 131-32.0W GMT 23.9 STATION J 2
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.96	31.96	0	24.27	366.7	.00	.00	1494.
10	11.31	31.99	10	24.41	353.4	.36	.02	1491.
20	10.99	32.16	20	24.59	335.8	.71	.07	1491.
30	10.79	32.18	30	24.64	331.2	1.04	.16	1490.
50	7.58	32.47	50	25.37	261.7	1.60	.38	1479.
75	7.16	32.77	75	25.67	234.1	2.22	.78	1478.
100	7.13	33.16	99	25.97	205.5	2.76	1.26	1479.
125	7.00	33.51	124	26.27	177.9	3.24	1.80	1479.
150	6.79	33.71	149	26.45	160.7	3.66	2.39	1479.
175	6.59	33.83	174	26.58	149.4	4.05	3.03	1479.
200	6.24	33.85	199	26.64	143.5	4.41	3.73	1478.
225	6.06	33.88	223	26.68	139.6	4.77	4.49	1478.
250	5.84	33.89	248	26.71	136.9	5.11	5.33	1477.
300	5.46	33.91	298	26.78	131.0	5.78	7.21	1476.
400	4.94	33.97	397	26.89	121.7	7.05	11.74	1476.
500	4.59	34.05	496	26.99	112.5	8.23	17.12	1476.
600	4.21	34.11	595	27.08	104.3	9.32	23.20	1476.
800	3.79	34.21	793	27.20	94.3	11.30	37.34	1478.
1000	3.43	34.27	990	27.29	86.8	13.11	53.90	1480.
1200	2.92	34.32	1188	27.38	78.5	14.76	72.36	1481.
DEEPEST MEASUREMENT:								
1203	2.91	34.33	1191	27.38	78.4	14.78	72.64	1481.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 9
51-55.0 N 131-24.0 W
MO.-6 DAY-30 GMT-1.3
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 9 DATE 30/ 6/85
POSITION 51-55.0N, 131-24.0W GMT 1.3 STATION J1 8
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.78	31.94	0	24.46	347.9	.00	.00	1489.
10	10.67	31.96	10	24.49	345.4	.35	.02	1489.
20	10.39	32.00	20	24.57	338.1	.69	.07	1488.
30	9.93	32.10	30	24.73	323.3	1.02	.15	1487.
50	8.78	32.21	50	24.99	298.1	1.64	.40	1483.
75	8.00	32.47	75	25.31	268.0	2.36	.86	1481.
100	7.19	33.01	99	25.85	217.4	2.94	1.38	1479.
125	7.06	33.46	124	26.22	182.2	3.42	1.93	1479.
150	6.80	33.73	149	26.47	159.3	3.85	2.53	1479.
175	6.35	33.84	174	26.61	145.9	4.23	3.16	1478.
200	6.19	33.86	199	26.65	142.5	4.59	3.85	1478.
225	6.01	33.88	223	26.69	138.7	4.94	4.61	1477.
250	5.69	33.89	248	26.74	134.5	5.28	5.43	1476.
300	5.16	33.88	298	26.79	129.6	5.95	7.29	1475.
400	4.95	33.98	397	26.90	120.6	7.19	11.72	1476.
500	4.59	34.03	496	26.98	113.8	8.36	17.07	1476.
600	4.29	34.10	595	27.06	106.3	9.45	23.20	1477.
800	3.84	34.18	793	27.18	96.4	11.48	37.62	1478.
1000	3.46	34.26	990	27.27	88.1	13.32	54.48	1480.
1200	3.03	34.31	1188	27.36	80.6	15.01	73.42	1481.
DEEPEST MEASUREMENT:								
1203	3.02	34.32	1191	27.36	80.3	15.04	73.72	1482.


TEMPERATURE, C
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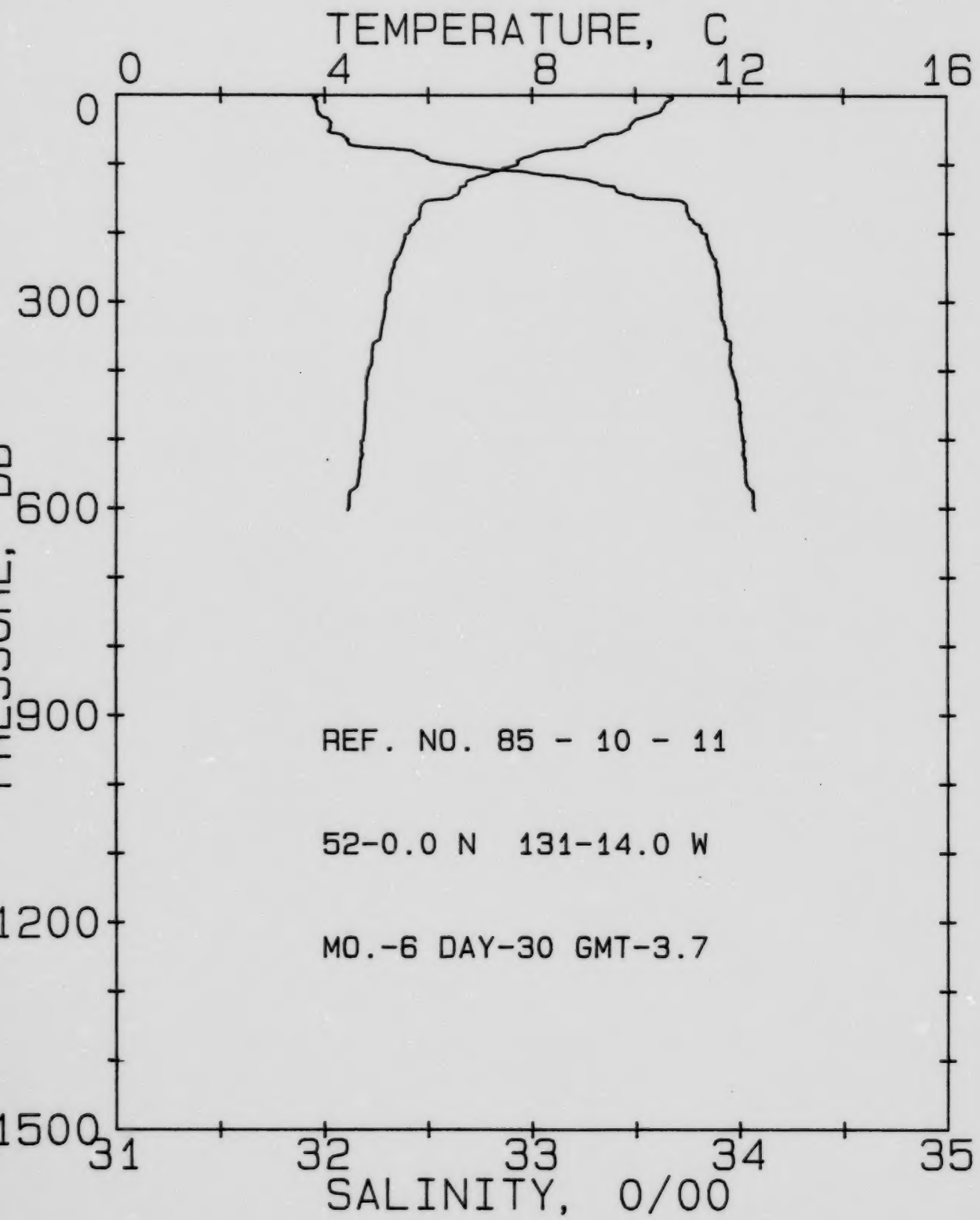
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 10
51-57.5 N 131-19.0 W
MO.-6 DAY-30 GMT-2.8
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 10 DATE 30/ 6/85
POSITION 51-57.5N, 131-19.0W GMT 2.8 STATION J1 A
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.21	31.89	0	24.34	359.1	.00	.00	1491.
10	10.26	31.98	10	24.58	336.9	.35	.02	1488.
20	10.08	31.99	20	24.61	333.8	.69	.07	1487.
30	9.97	32.04	30	24.67	328.5	1.02	.15	1487.
50	9.57	32.10	50	24.79	317.8	1.66	.42	1486.
75	8.64	32.27	75	25.07	291.7	2.44	.91	1483.
100	7.32	32.80	99	25.67	234.5	3.06	1.46	1479.
125	6.92	33.41	124	26.20	184.3	3.60	2.07	1479.
150	6.64	33.71	149	26.48	158.4	4.02	2.67	1478.
175	6.26	33.79	174	26.59	148.3	4.40	3.30	1477.
200	6.03	33.83	199	26.65	142.4	4.76	3.99	1477.
225	5.56	33.86	223	26.73	135.3	5.11	4.74	1475.
250	5.41	33.87	248	26.75	133.0	5.45	5.56	1475.
300	5.23	33.89	298	26.79	129.7	6.11	7.40	1475.
400	4.82	33.96	397	26.90	120.5	7.37	11.88	1475.
500	4.64	34.04	496	26.98	113.6	8.54	17.27	1476.
600	4.25	34.11	595	27.08	104.8	9.64	23.41	1477.
800	3.91	34.16	793	27.15	98.8	11.67	37.88	1478.
DEEPEST MEASUREMENT:								
805	3.89	34.17	798	27.16	98.2	11.72	38.28	1478.


TEMPERATURE, C
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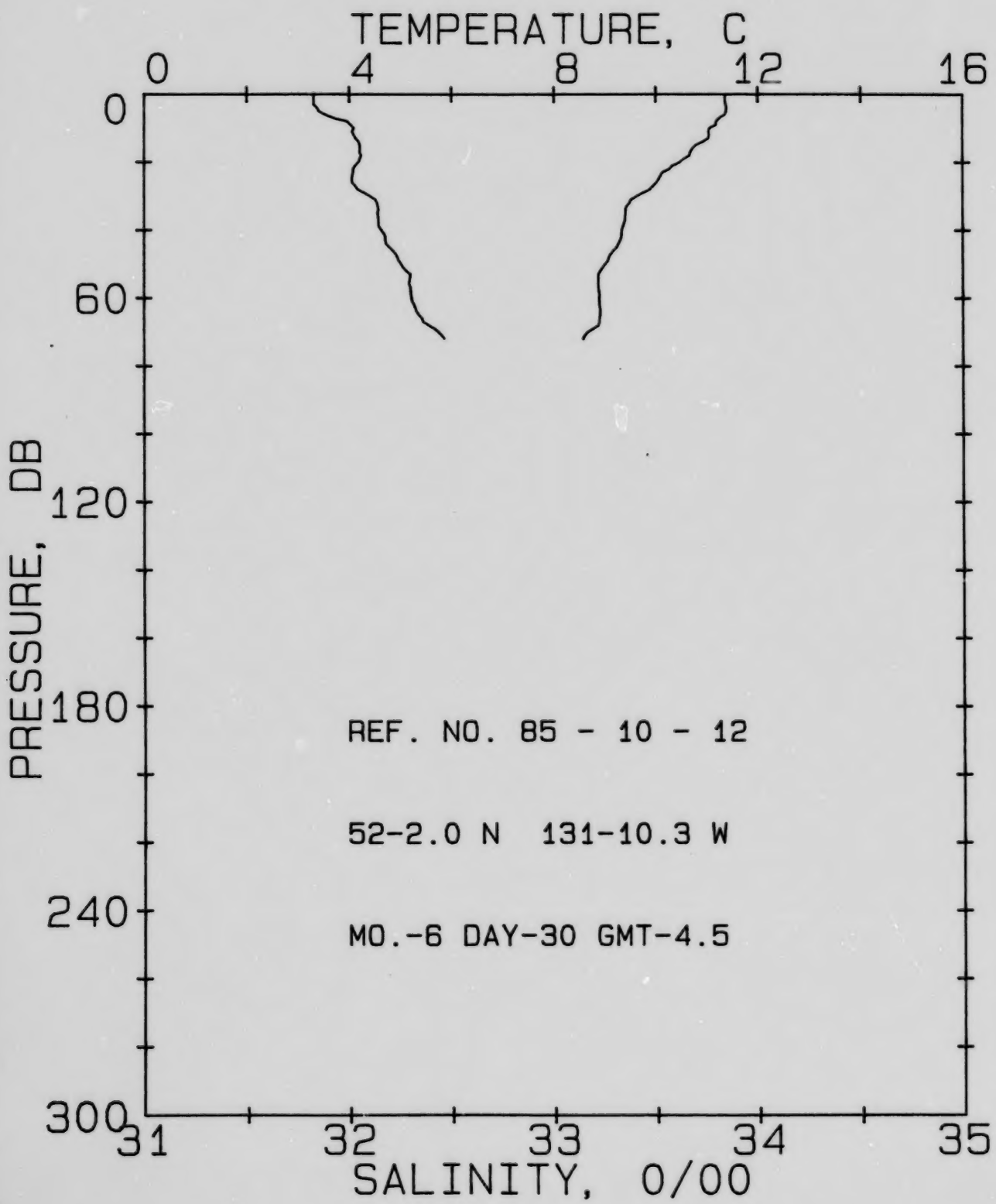
4
8
12
16
0
300
600
900
1200
1500
REF. NO. 85 - 10 - 11
52-0.0 N 131-14.0 W
MO.-6 DAY-30 GMT-3.7
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 11 DATE 30/ 6/85
POSITION 52- .0N, 131-14.0W GMT 3.7 STATION J 1
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.63	31.97	0	24.50	343.9	.00	.00	1489.
10	10.59	31.96	10	24.51	343.7	.35	.02	1489.
20	10.51	31.97	20	24.52	342.4	.69	.07	1489.
30	10.23	31.98	30	24.58	336.9	1.03	.16	1488.
50	9.81	32.02	50	24.69	327.5	1.69	.43	1487.
75	8.93	32.17	75	24.94	303.5	2.48	.93	1484.
100	7.73	32.59	99	25.45	255.7	3.15	1.53	1480.
125	6.75	33.28	124	26.12	191.5	3.71	2.16	1478.
150	6.40	33.53	149	26.36	169.2	4.16	2.79	1477.
175	5.83	33.76	174	26.61	145.3	4.53	3.40	1476.
200	5.62	33.82	199	26.69	138.1	4.88	4.08	1475.
225	5.48	33.86	223	26.74	134.2	5.22	4.81	1475.
250	5.34	33.89	248	26.78	130.7	5.55	5.61	1475.
300	5.18	33.91	298	26.82	127.4	6.20	7.41	1475.
400	4.85	33.96	397	26.89	120.9	7.44	11.85	1476.
500	4.75	34.01	496	26.95	116.9	8.62	17.27	1477.
600	4.47	34.07	595	27.02	110.8	9.77	23.68	1477.

DEEPEST MEASUREMENT:

603	4.45	34.07	598	27.02	110.1	9.80	23.88	1477.


TEMPERATURE, C
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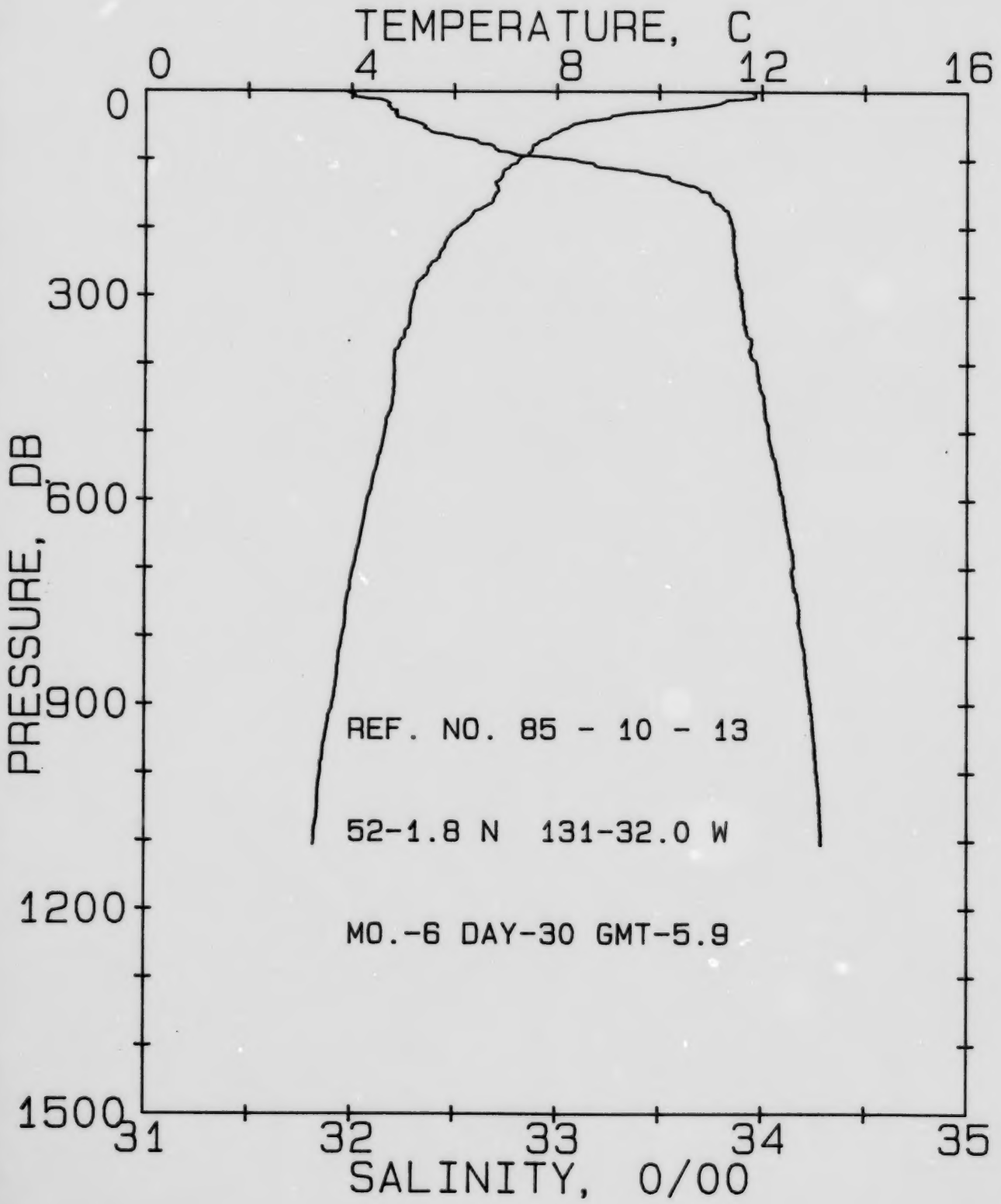
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 12
52-2.0 N 131-10.3 W
MO.-6 DAY-30 GMT-4.5
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 12 DATE 30/ 6/85
POSITION 52- 2.0N, 131-10.3W GMT 4.5 STATION J D
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.36	31.83	0	24.27	366.3	.00	.00	1491.
10	11.06	32.03	10	24.48	346.8	.36	.02	1491.
20	10.48	32.05	20	24.59	335.8	.70	.07	1489.
30	9.62	32.10	30	24.78	318.2	1.03	.15	1486.
50	9.00	32.26	50	25.00	297.8	1.65	.41	1484.
75	8.49	32.51	75	25.27	272.0	2.36	.85	1483.
DEEPEST MEASUREMENT:								
72	8.57	32.47	72	25.23	276.2	2.28	.79	1483.

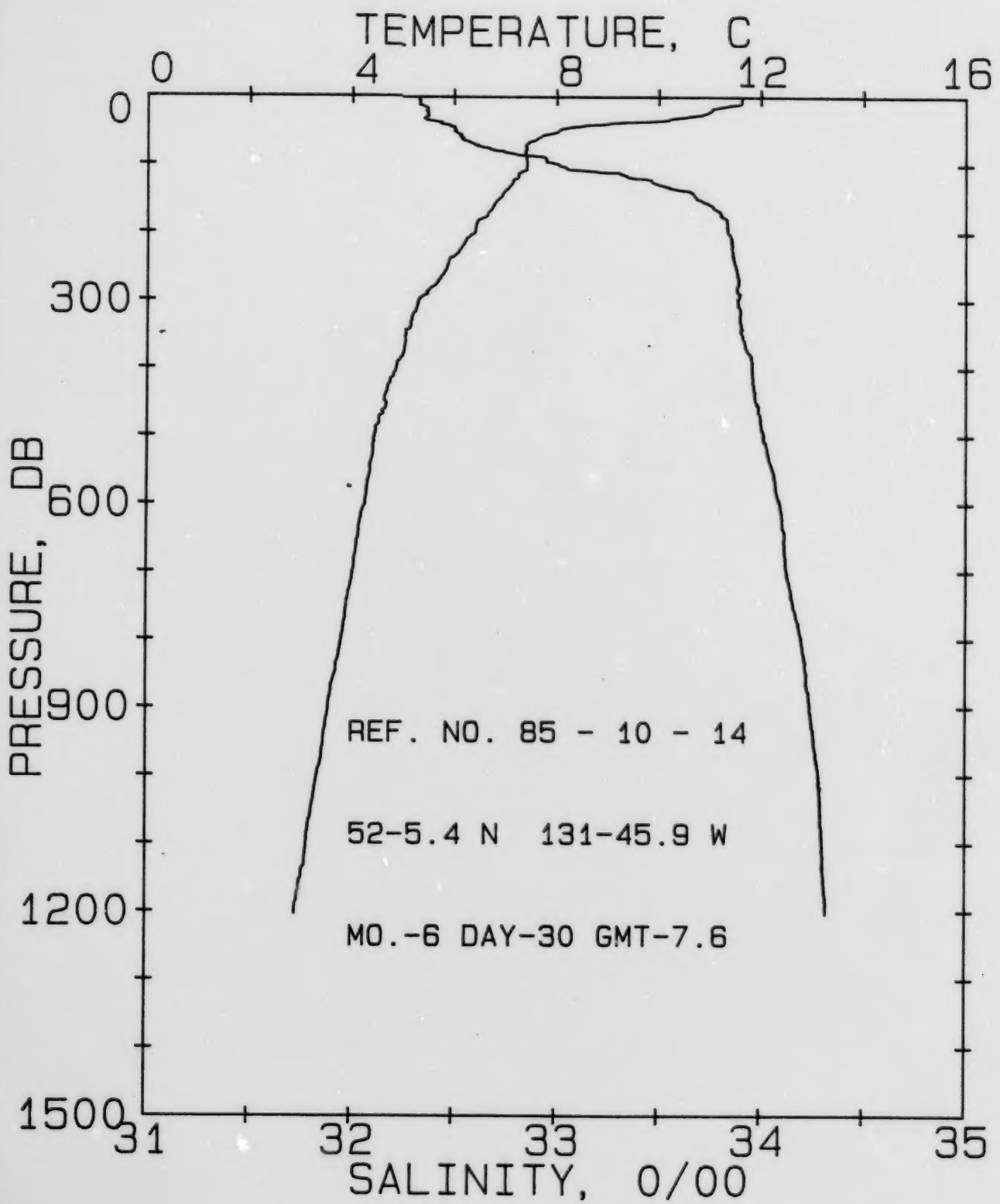

TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 13
52-1.8 N 131-32.0 W
MO.-6 DAY-30 GMT-5.9
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 13 DATE 30/ 6/85
POSITION 52- 1.8N, 131-32.0W GMT 5.9 STATION QT 3
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.84	31.98	0	24.30	363.1	.00	.00	1493.
10	11.71	32.06	10	24.39	355.4	.36	.02	1493.
20	10.99	32.18	20	24.61	334.3	.70	.07	1491.
30	9.68	32.22	30	24.86	310.7	1.03	.15	1486.
50	8.28	32.35	50	25.18	280.3	1.62	.39	1481.
75	7.63	32.62	75	25.48	252.1	2.29	.82	1480.
100	7.26	33.07	99	25.89	213.9	2.88	1.35	1479.
125	6.94	33.54	124	26.30	175.0	3.37	1.90	1479.
150	6.81	33.75	149	26.48	158.1	3.79	2.49	1479.
175	6.41	33.83	174	26.60	147.1	4.17	3.12	1478.
200	6.07	33.86	199	26.66	141.1	4.53	3.81	1477.
225	5.82	33.86	223	26.70	137.9	4.88	4.57	1477.
250	5.59	33.88	248	26.74	134.4	5.22	5.39	1476.
300	5.22	33.90	298	26.80	128.8	5.88	7.23	1475.
400	4.84	33.98	397	26.90	119.8	7.13	11.69	1476.
500	4.66	34.03	496	26.97	114.5	8.31	17.08	1476.
600	4.32	34.10	595	27.06	106.3	9.41	23.27	1477.
800	3.83	34.20	793	27.19	95.6	11.43	37.62	1478.
1000	3.41	34.27	990	27.29	86.9	13.25	54.29	1480.

DEEPEST MEASUREMENT:

1106	3.28	34.29	1095	27.32	84.4	14.16	64.02	1481.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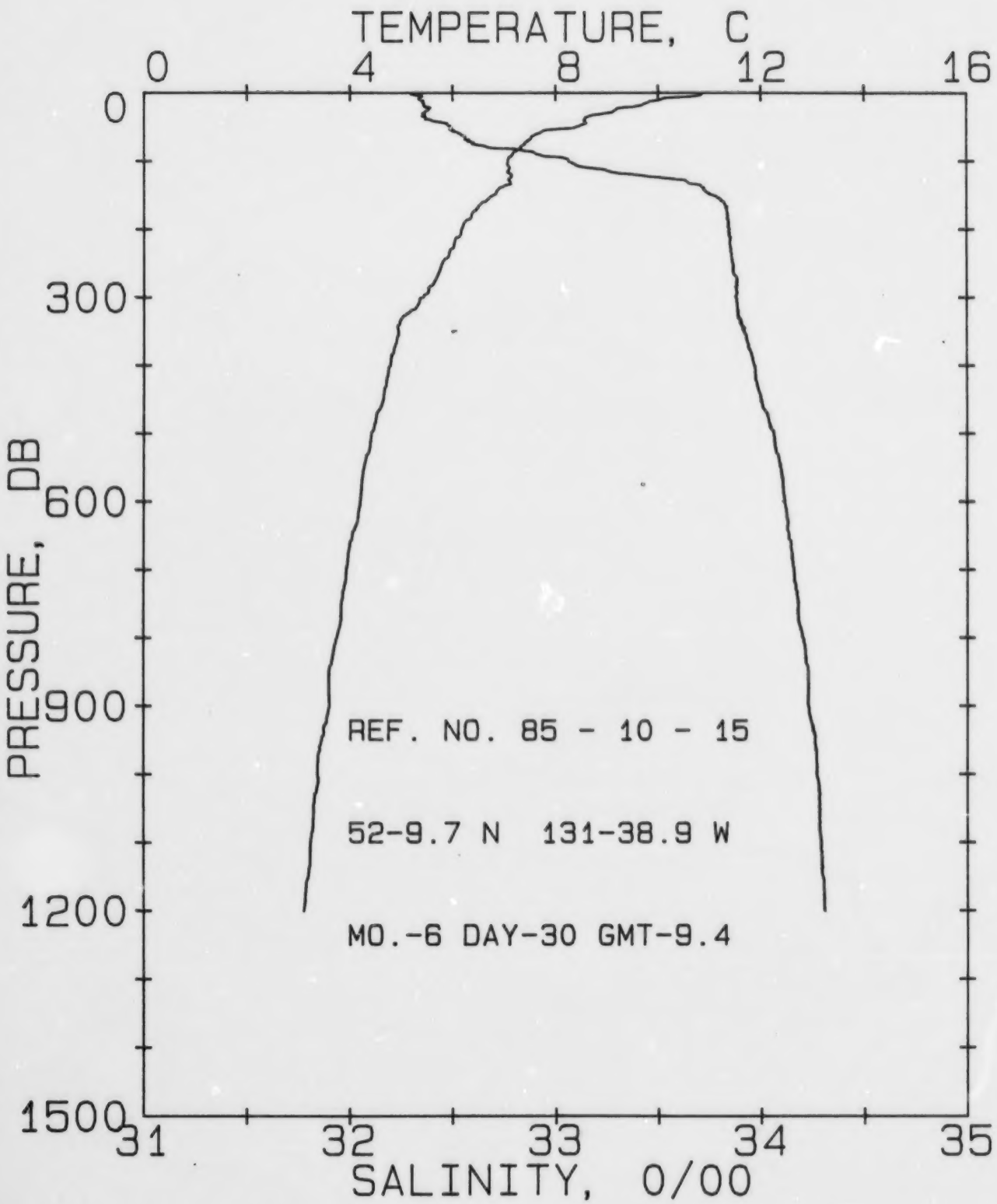
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 14
52-5.4 N 131-45.9 W
MO.-6 DAY-30 GMT-7.6
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 14 DATE 30/ 6/85
POSITION 52- 5.4N, 131-45.9W GMT 7.6 STATION Q 6
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.63	32.33	0	24.61	333.8	.00	.00	1493.
10	11.61	32.33	10	24.62	333.5	.33	.02	1493.
20	11.04	32.36	20	24.74	321.7	.66	.07	1491.
30	10.45	32.36	30	24.84	312.4	.98	.15	1489.
50	8.04	32.50	50	25.33	265.8	1.55	.38	1481.
75	7.41	32.66	75	25.54	245.9	2.19	.78	1479.
100	7.42	33.01	99	25.82	220.1	2.76	1.30	1480.
125	7.15	33.47	124	26.22	182.8	3.27	1.87	1480.
150	6.87	33.69	149	26.42	163.5	3.70	2.47	1479.
175	6.65	33.81	174	26.55	151.8	4.09	3.12	1479.
200	6.41	33.84	199	26.61	146.7	4.46	3.82	1478.
225	6.10	33.86	223	26.66	141.8	4.81	4.60	1478.
250	5.86	33.88	248	26.71	137.6	5.16	5.44	1477.
300	5.30	33.89	298	26.78	130.8	5.83	7.32	1476.
400	4.86	33.96	397	26.89	121.6	7.10	11.83	1476.
500	4.43	34.01	496	26.98	113.5	8.28	17.22	1476.
600	4.26	34.09	595	27.06	106.4	9.38	23.38	1477.
800	3.81	34.20	793	27.19	95.2	11.40	37.79	1478.
1000	3.33	34.29	990	27.31	84.8	13.20	54.24	1479.
1200	2.90	34.32	1188	27.37	78.6	14.83	72.56	1481.

DEEPEST MEASUREMENT:

1204	2.90	34.32	1192	27.37	78.7	14.87	72.94	1481.

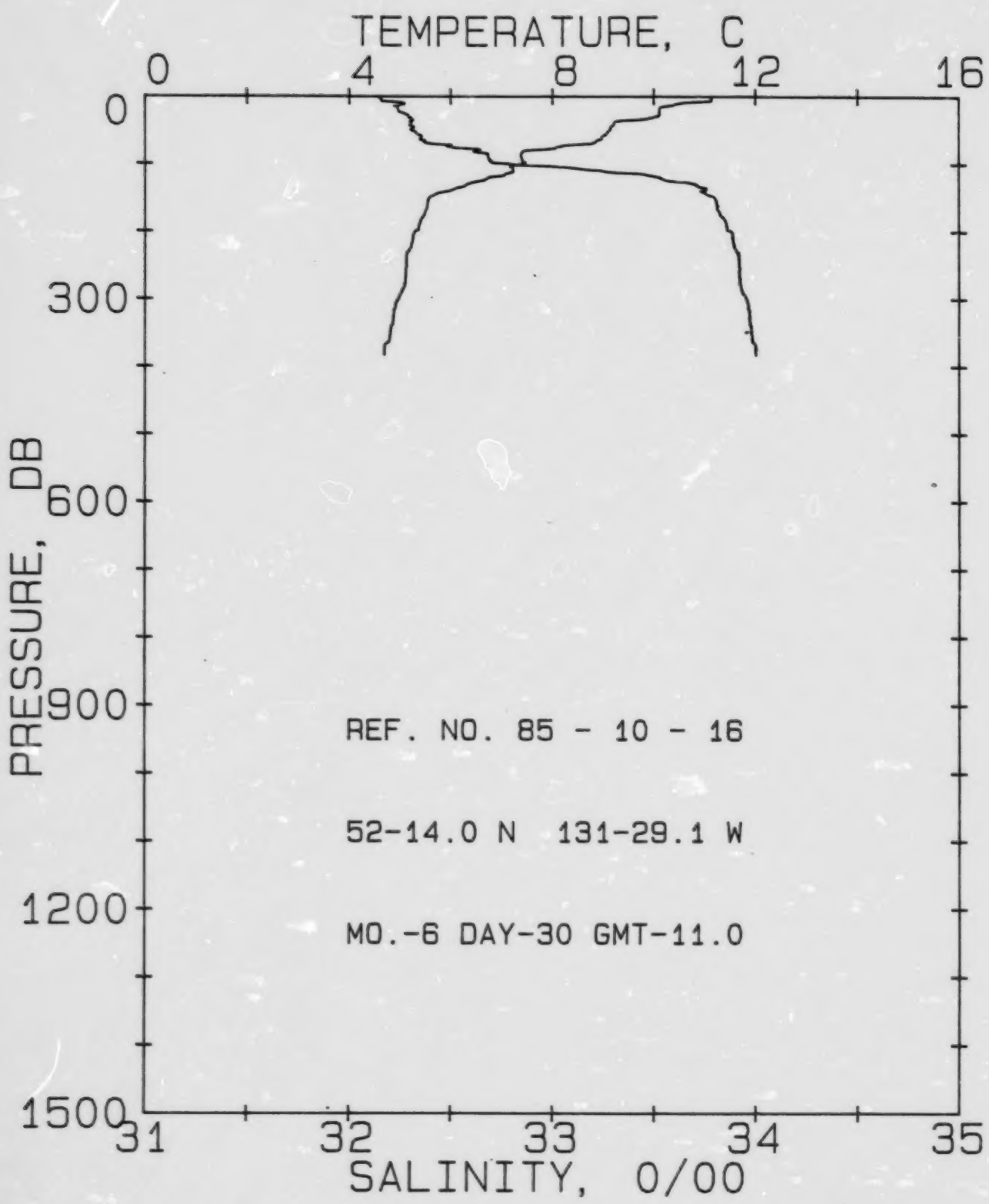

TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 15
52-9.7 N 131-38.9 W
MO.-6 DAY-30 GMT-9.4
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 15 DATE 30/ 6/85
POSITION 52- 9.7N, 131-38.9W GMT 9.4 STATION Q 5
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.86	32.30	0	24.72	323.0	.00	.00	1490.
10	10.03	32.34	10	24.89	306.9	.32	.02	1487.
20	9.55	32.37	20	25.00	297.5	.62	.06	1486.
30	8.94	32.35	30	25.08	289.4	.91	.14	1484.
50	8.39	32.49	50	25.27	271.4	1.47	.36	1482.
75	7.41	32.59	75	25.49	250.7	2.11	.77	1479.
100	7.07	33.07	99	25.91	211.3	2.68	1.28	1478.
125	7.11	33.53	124	26.27	177.7	3.18	1.85	1480.
150	6.78	33.77	149	26.50	156.1	3.59	2.42	1479.
175	6.39	33.84	174	26.61	146.3	3.96	3.04	1478.
200	6.17	33.85	199	26.64	143.0	4.33	3.73	1477.
225	6.03	33.85	223	26.67	141.2	4.68	4.50	1477.
250	5.80	33.86	248	26.70	138.0	5.03	5.35	1477.
300	5.42	33.88	298	26.76	132.9	5.71	7.24	1476.
400	4.79	33.97	397	26.90	119.9	6.96	11.70	1475.
500	4.41	34.06	496	27.02	109.6	8.12	16.99	1475.
600	4.19	34.10	595	27.08	104.8	9.18	22.96	1476.
800	3.74	34.20	793	27.20	94.1	11.16	37.05	1478.
1000	3.36	34.27	990	27.29	86.3	12.96	53.50	1480.
1200	3.10	34.30	1188	27.34	82.1	14.64	72.34	1482.

DEEPEST MEASUREMENT:

1201	3.09	34.31	1189	27.35	81.7	14.65	72.44	1482.


TEMPERATURE, C
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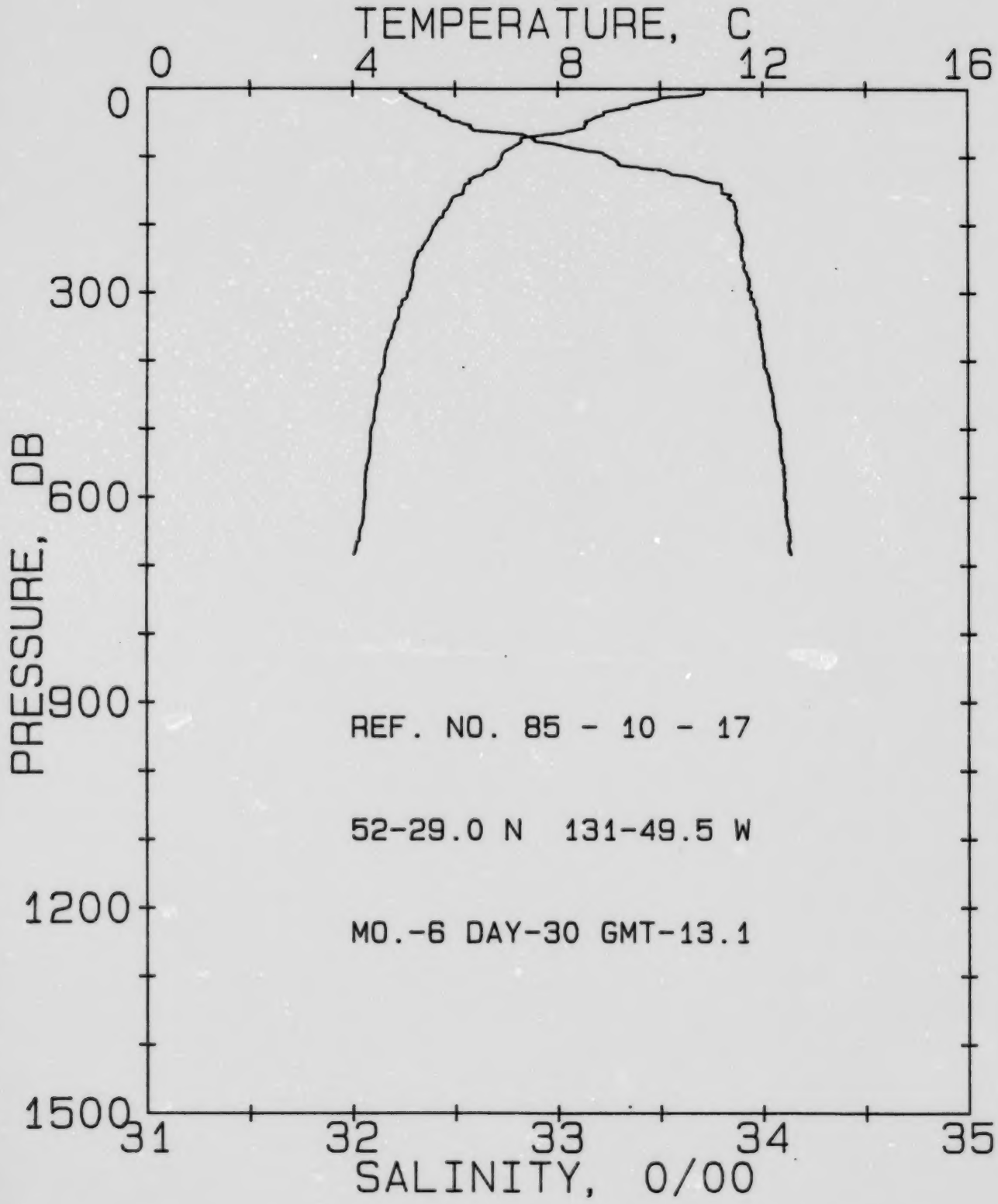
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 16
52-14.0 N 131-29.1 W
MO.-6 DAY-30 GMT-11.0
31
32
33
34
35
SALINITY, 0/00

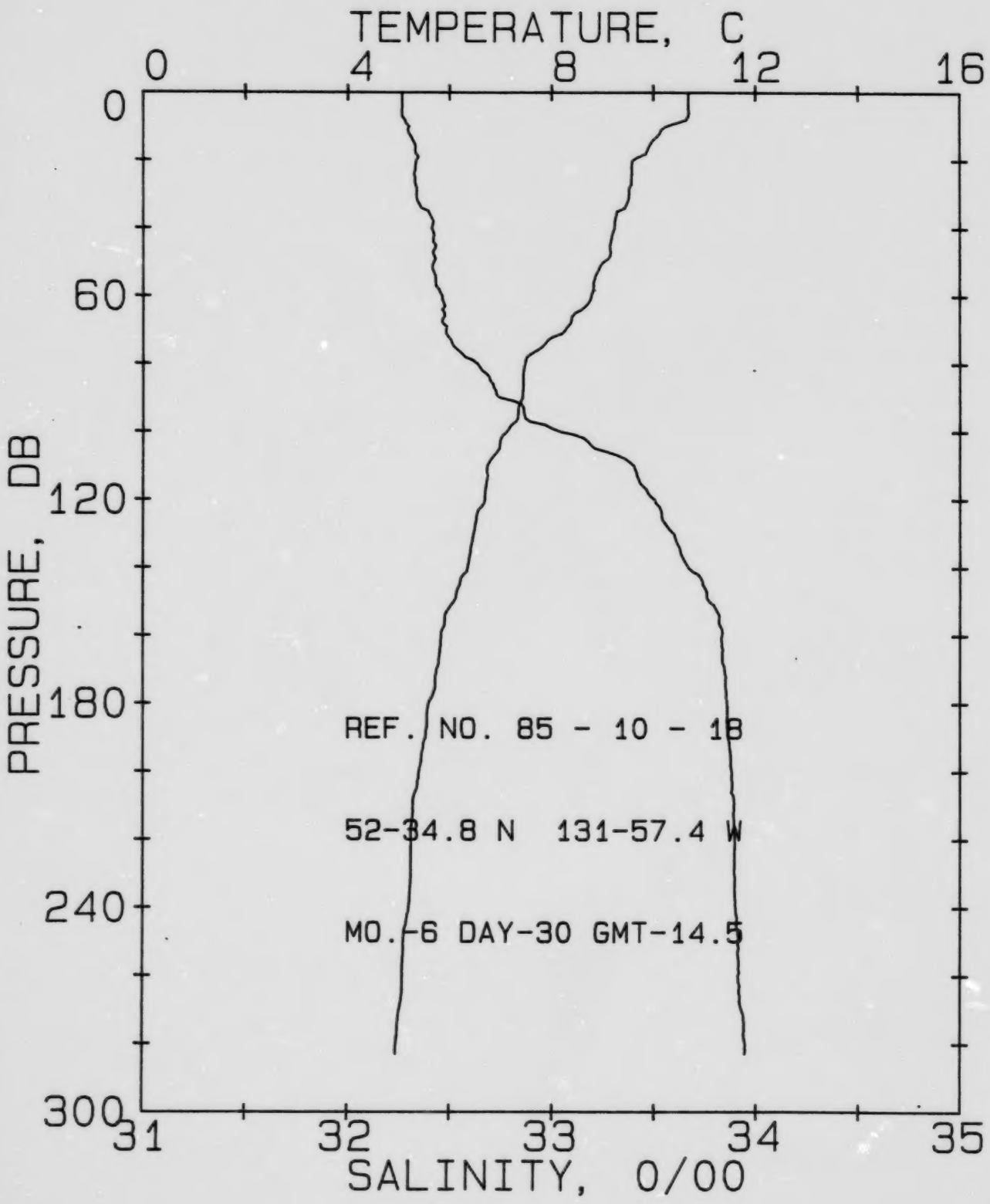
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 16 DATE 30/ 6/85
POSITION 52-14.0N, 131-29.1W GMT 11.0 STATION Q 3
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.14	32.14	0	24.55	339.1	.00	.00	1491.
10	10.55	32.27	10	24.76	320.1	.33	.02	1489.
20	10.11	32.24	20	24.81	315.4	.65	.07	1488.
30	10.03	32.29	30	24.86	310.7	.97	.15	1488.
50	9.13	32.31	50	25.02	296.0	1.56	.39	1485.
75	8.10	32.50	75	25.32	267.2	2.28	.84	1481.
100	7.41	32.78	99	25.64	236.8	2.90	1.39	1479.
125	6.63	33.57	124	26.37	168.5	3.39	1.95	1478.
150	5.58	33.80	149	26.68	138.8	3.76	2.47	1474.
175	5.48	33.83	174	26.71	136.0	4.11	3.04	1474.
200	5.30	33.88	199	26.78	130.0	4.44	3.68	1474.
225	5.21	33.90	223	26.80	127.9	4.76	4.38	1474.
250	5.13	33.92	248	26.83	125.6	5.08	5.14	1474.
300	4.97	33.96	298	26.87	121.8	5.70	6.89	1474.
DEEPEST MEASUREMENT:								
383	4.69	34.00	380	26.94	116.1	6.69	10.31	1475.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 17
52-29.0 N 131-49.5 W
MO.-6 DAY-30 GMT-13.1
31
32
33
34
35
SALINITY, 0/00

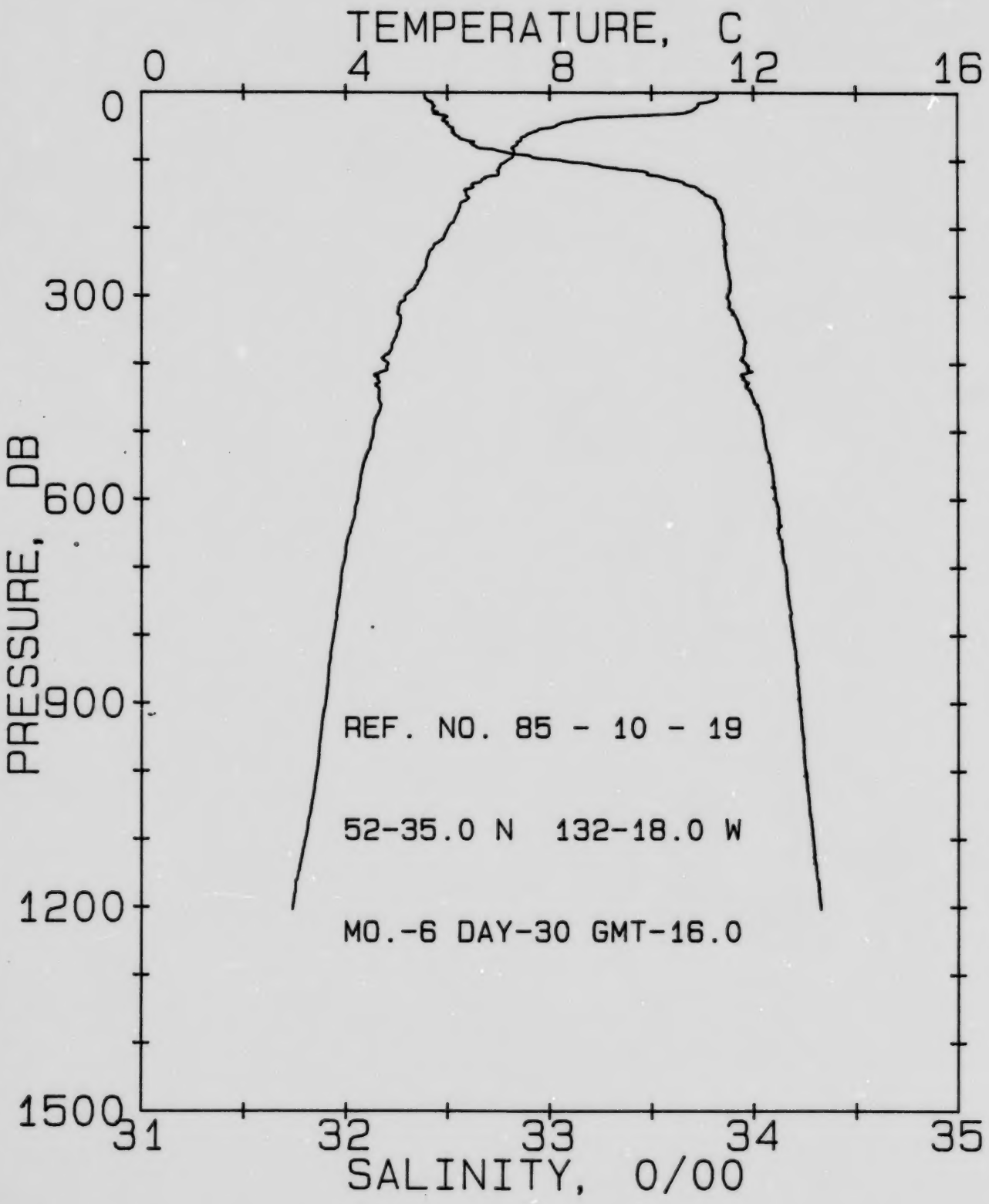
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 17 DATE 30/ 6/85
POSITION 52-29.0N, 131-49.5W GMT 13.1 STATION Q 88
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.86	32.24	0	24.68	327.5	.00	.00	1490.
10	10.57	32.26	10	24.74	321.5	.33	.02	1489.
20	9.66	32.33	20	24.95	302.2	.64	.06	1486.
30	9.15	32.39	30	25.08	289.7	.93	.14	1484.
50	8.55	32.53	50	25.28	271.0	1.49	.37	1483.
75	7.28	32.89	75	25.74	226.9	2.12	.77	1479.
100	6.90	33.25	99	26.08	195.6	2.65	1.23	1478.
125	6.55	33.55	124	26.36	168.7	3.11	1.76	1477.
150	6.16	33.80	149	26.61	145.7	3.49	2.29	1477.
175	5.86	33.87	174	26.70	137.6	3.84	2.88	1476.
200	5.61	33.87	199	26.73	134.4	4.18	3.52	1475.
225	5.42	33.90	223	26.78	130.2	4.51	4.24	1475.
250	5.22	33.90	248	26.80	128.5	4.84	5.02	1475.
300	5.06	33.94	298	26.85	123.8	5.47	6.79	1475.
400	4.61	34.01	397	26.95	115.1	6.66	11.02	1475.
500	4.34	34.08	496	27.04	107.1	7.77	16.11	1475.
600	4.23	34.10	595	27.07	105.2	8.83	22.06	1476.
DEEPEST MEASUREMENT:								
684	4.00	34.14	678	27.12	100.9	9.70	27.72	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 18
52-34.8 N 131-57.4 W
MO.-6 DAY-30 GMT-14.5
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 18 DATE 30/ 6/85
POSITION 52-34.8N, 131-57.4W GMT 14.5 STATION Q 87
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.70	32.27	0	24.73	322.7	.00	.00	1489.
10	10.25	32.30	10	24.83	313.0	.32	.02	1488.
20	9.59	32.34	20	24.97	300.3	.63	.06	1486.
30	9.52	32.34	30	24.98	299.4	.93	.14	1486.
50	9.01	32.42	50	25.12	285.6	1.51	.38	1484.
75	7.82	32.52	75	25.38	261.6	2.20	.81	1480.
100	7.12	33.04	99	25.89	213.9	2.80	1.35	1479.
125	6.53	33.54	124	26.35	169.6	3.26	1.87	1477.
150	6.09	33.77	149	26.60	146.9	3.66	2.43	1476.
175	5.72	33.85	174	26.70	137.0	4.01	3.01	1475.
200	5.40	33.88	199	26.77	131.0	4.34	3.64	1474.
225	5.24	33.90	223	26.80	128.4	4.66	4.34	1474.
250	5.09	33.91	248	26.83	125.9	4.98	5.12	1474.
DEEPEST MEASUREMENT:								
283	4.94	33.94	281	26.87	122.1	5.39	6.23	1474.


TEMPERATURE, C
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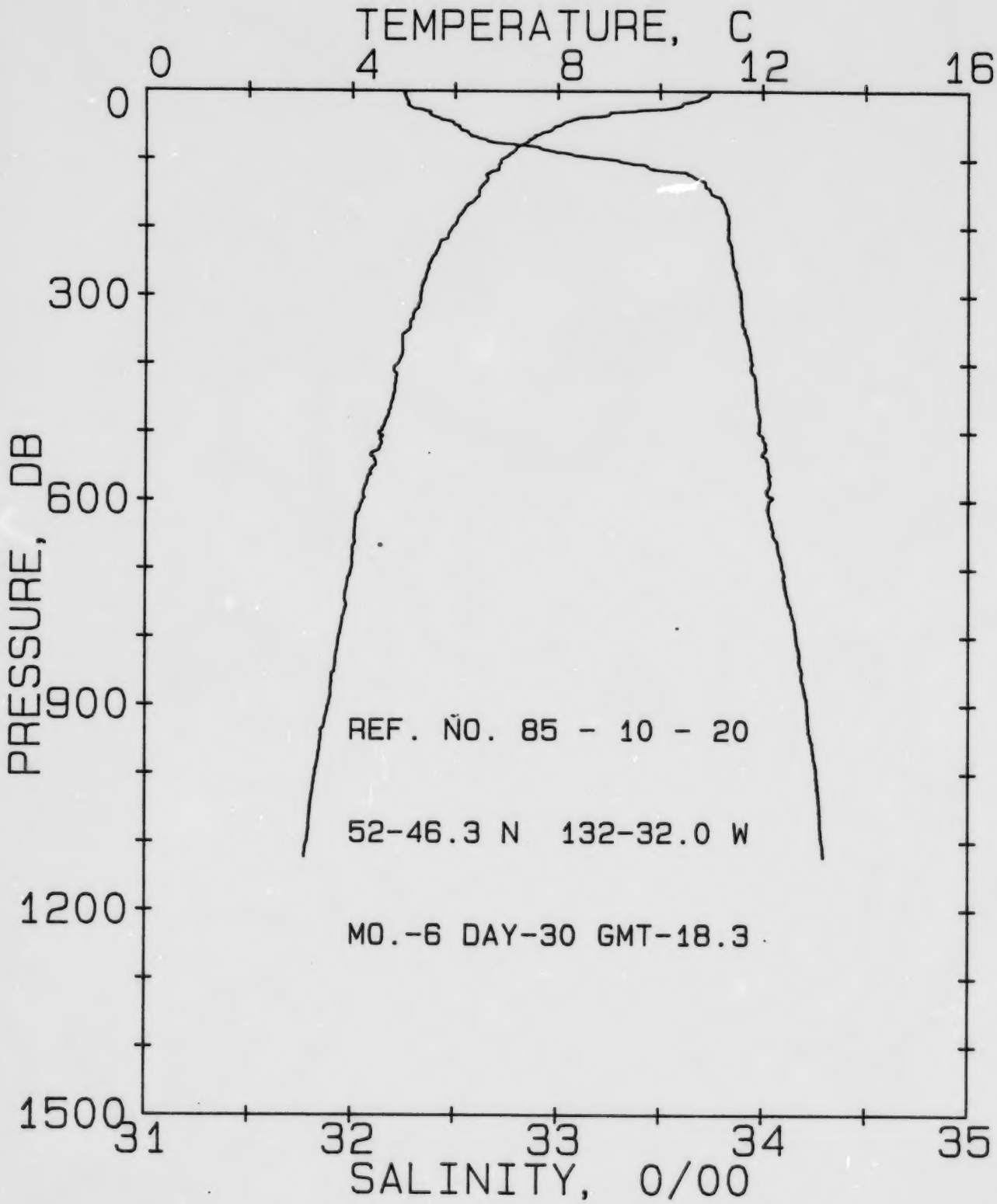
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 19
52-35.0 N 132-18.0 W
MO.-6 DAY-30 GMT-16.0
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 19 DATE 30/ 6/85
POSITION 52-35.0N, 132-18.0W GMT 16.0 STATION Q140
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.30	32.39	0	24.71	324.0	.00	.00	1492.
10	11.25	32.40	10	24.73	322.5	.32	.02	1492.
20	10.91	32.44	20	24.82	314.1	.64	.06	1491.
30	10.63	32.43	30	24.87	310.1	.95	.14	1490.
50	8.11	32.51	50	25.33	266.2	1.51	.37	1481.
75	7.38	32.61	75	25.51	248.9	2.15	.78	1479.
100	7.17	33.05	99	25.88	213.9	2.74	1.30	1479.
125	6.73	33.56	124	26.34	170.7	3.22	1.85	1478.
150	6.36	33.76	149	26.55	151.1	3.61	2.40	1477.
175	6.21	33.84	174	26.63	144.0	3.98	3.01	1477.
200	6.01	33.86	199	26.67	140.4	4.34	3.69	1477.
225	5.73	33.86	223	26.71	137.3	4.68	4.44	1476.
250	5.58	33.87	248	26.73	135.0	5.02	5.26	1476.
300	5.15	33.87	298	26.79	130.1	5.69	7.12	1475.
400	4.83	33.96	397	26.89	120.9	6.93	11.55	1475.
500	4.53	34.05	496	26.99	112.1	8.10	16.88	1476.
600	4.22	34.11	595	27.08	104.9	9.18	22.93	1476.
800	3.75	34.19	793	27.19	95.0	11.17	37.10	1478.
1000	3.42	34.25	990	27.27	88.1	13.00	53.85	1480.
1200	2.95	34.33	1188	27.37	78.8	14.67	72.56	1481.

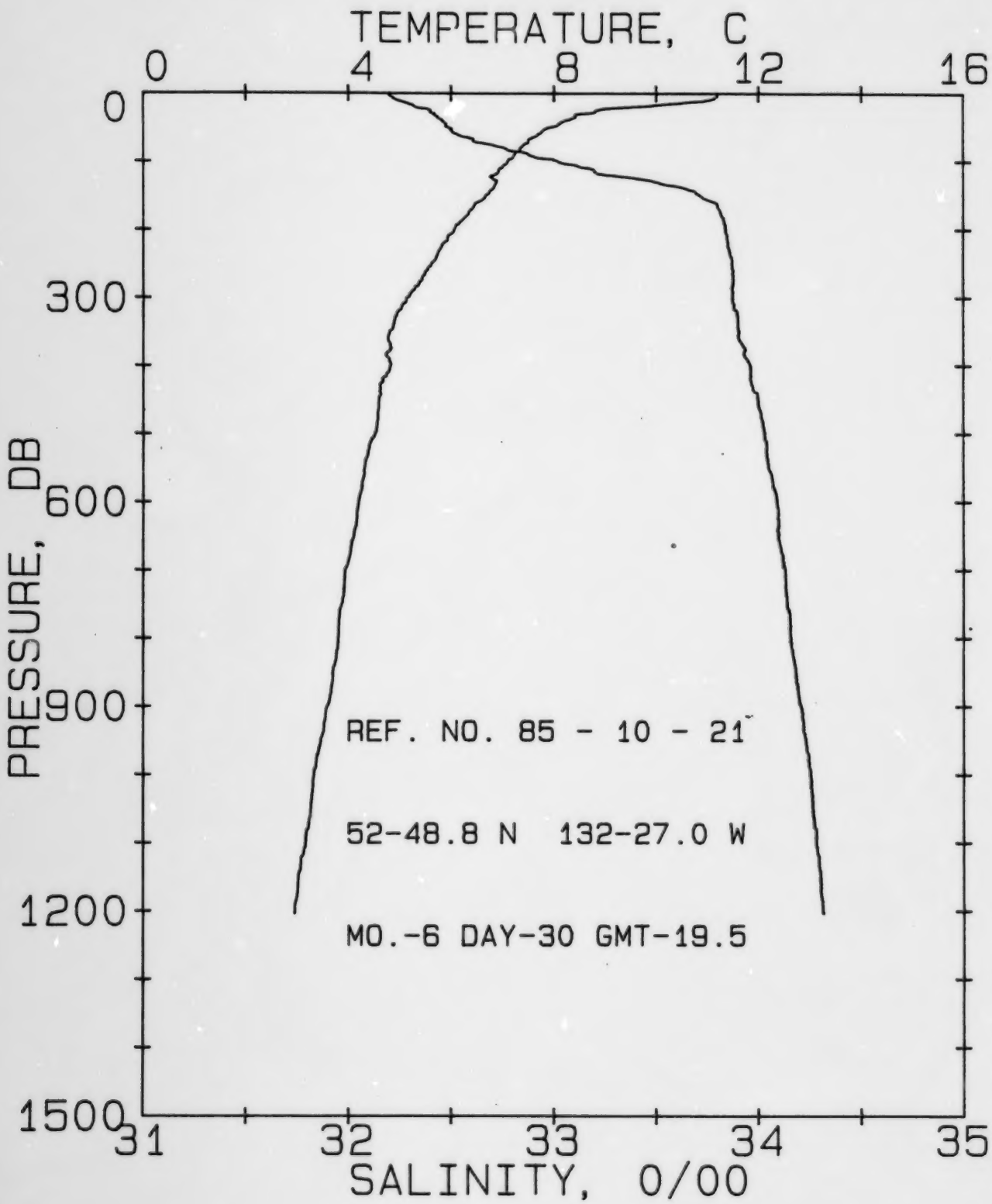
DEEPEST MEASUREMENT:

1204	2.95	34.33	1192	27.38	78.7	14.70	72.95	1481.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. ÑO. 85 - 10 - 20
52-46.3 N 132-32.0 W
MO.-6 DAY-30 GMT-18.3
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 20 DATE 30/ 6/85
POSITION 52-46.3N, 132-32.0W GMT 18.3 STATION Q 15
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.98	32.25	0	24.66	328.6	.00	.00	1490.
10	10.81	32.26	10	24.70	325.2	.33	.02	1490.
20	10.43	32.27	20	24.77	318.6	.65	.07	1489.
30	9.28	32.38	30	25.05	292.8	.96	.14	1485.
50	8.06	32.50	50	25.33	266.1	1.51	.37	1481.
75	7.41	32.68	75	25.56	244.6	2.15	.78	1479.
100	6.91	33.24	99	26.07	196.0	2.70	1.26	1478.
125	6.62	33.66	124	26.44	161.7	3.15	1.77	1478.
150	6.47	33.75	149	26.53	153.4	3.54	2.32	1478.
175	6.18	33.82	174	26.62	144.9	3.91	2.93	1477.
200	5.95	33.84	199	26.66	141.3	4.27	3.62	1477.
225	5.70	33.85	223	26.70	137.8	4.62	4.37	1476.
250	5.53	33.86	248	26.73	135.3	4.96	5.20	1476.
300	5.33	33.89	298	26.78	130.9	5.62	7.06	1476.
400	4.88	33.95	397	26.88	122.1	6.89	11.58	1476.
500	4.52	33.98	496	26.94	117.0	8.09	17.07	1476.
600	4.20	34.04	595	27.02	110.0	9.22	23.39	1476.
800	3.75	34.17	793	27.17	96.8	11.29	38.15	1478.
1000	3.30	34.26	990	27.29	86.1	13.13	54.92	1479.
DEEPEST MEASUREMENT:								
1123	3.08	34.30	1112	27.34	81.9	14.16	66.08	1480.

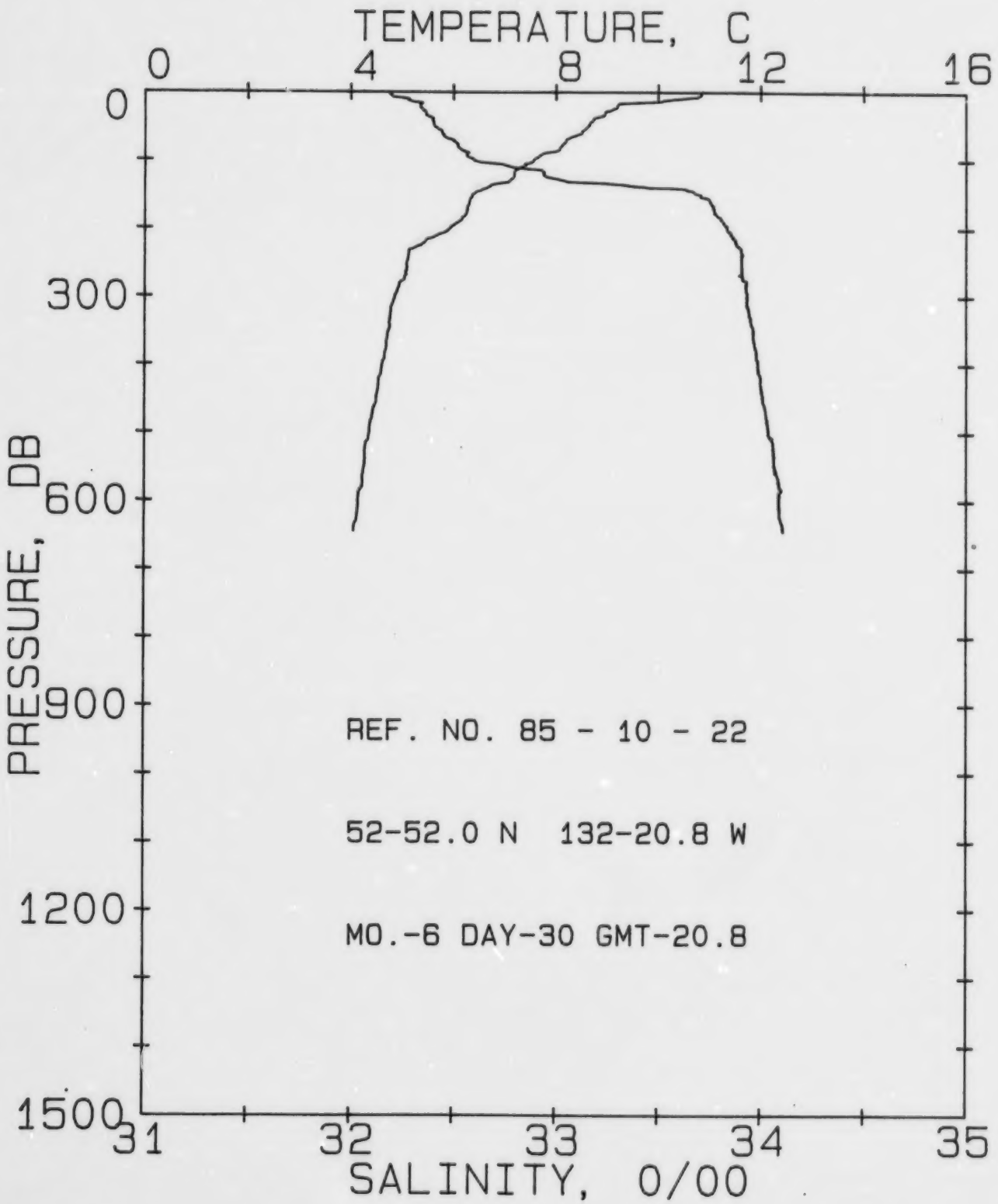

TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 21
52-48.8 N 132-27.0 W
MO.-6 DAY-30 GMT-19.5
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 21 DATE 30/ 6/85
POSITION 52-48.8N, 132-27.0W GMT 19.5 STATION Q 14
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.20	32.20	0	24.59	336.0	.00	.00	1491.
10	10.99	32.24	10	24.65	329.8	.33	.02	1491.
20	9.40	32.33	20	24.99	298.0	.65	.06	1485.
30	8.48	32.42	30	25.20	277.6	.94	.14	1482.
50	7.89	32.49	50	25.34	264.7	1.48	.36	1480.
75	7.43	32.68	75	25.56	244.4	2.12	.77	1479.
100	7.10	33.02	99	25.87	215.2	2.69	1.28	1478.
125	6.81	33.40	124	26.21	183.6	3.20	1.85	1478.
150	6.68	33.72	149	26.47	158.6	3.62	2.44	1479.
175	6.35	33.82	174	26.60	147.4	4.00	3.07	1478.
200	6.07	33.84	199	26.65	142.2	4.36	3.76	1477.
225	5.82	33.85	223	26.69	138.8	4.71	4.52	1477.
250	5.62	33.87	248	26.73	135.2	5.05	5.35	1476.
300	5.14	33.88	298	26.79	129.8	5.72	7.20	1475.
400	4.81	33.96	397	26.90	120.6	6.96	11.64	1475.
500	4.51	34.03	496	26.98	113.0	8.13	16.97	1476.
600	4.19	34.09	595	27.07	105.8	9.22	23.09	1476.
800	3.79	34.16	793	27.16	97.9	11.25	37.56	1478.
1000	3.32	34.25	990	27.28	87.0	13.10	54.51	1479.
1200	2.94	34.31	1188	27.36	79.6	14.77	73.17	1481.

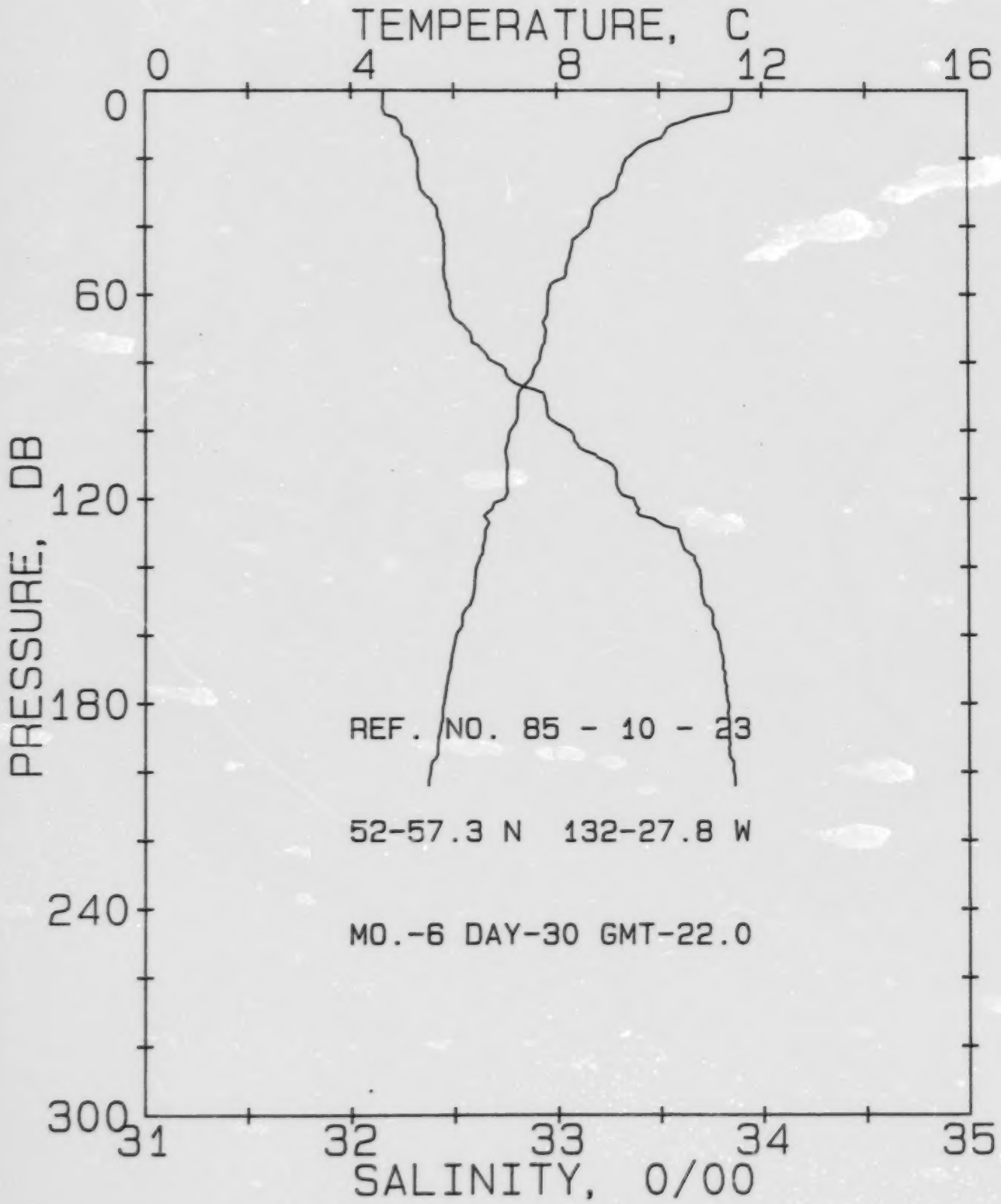
DEEPEST MEASUREMENT:

1204	2.94	34.32	1192	27.37	79.2	14.80	73.56	1481.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 22
52-52.0 N 132-20.8 W
MO.-6 DAY-30 GMT-20.8
31
32
33
34
35
SALINITY, 0/00

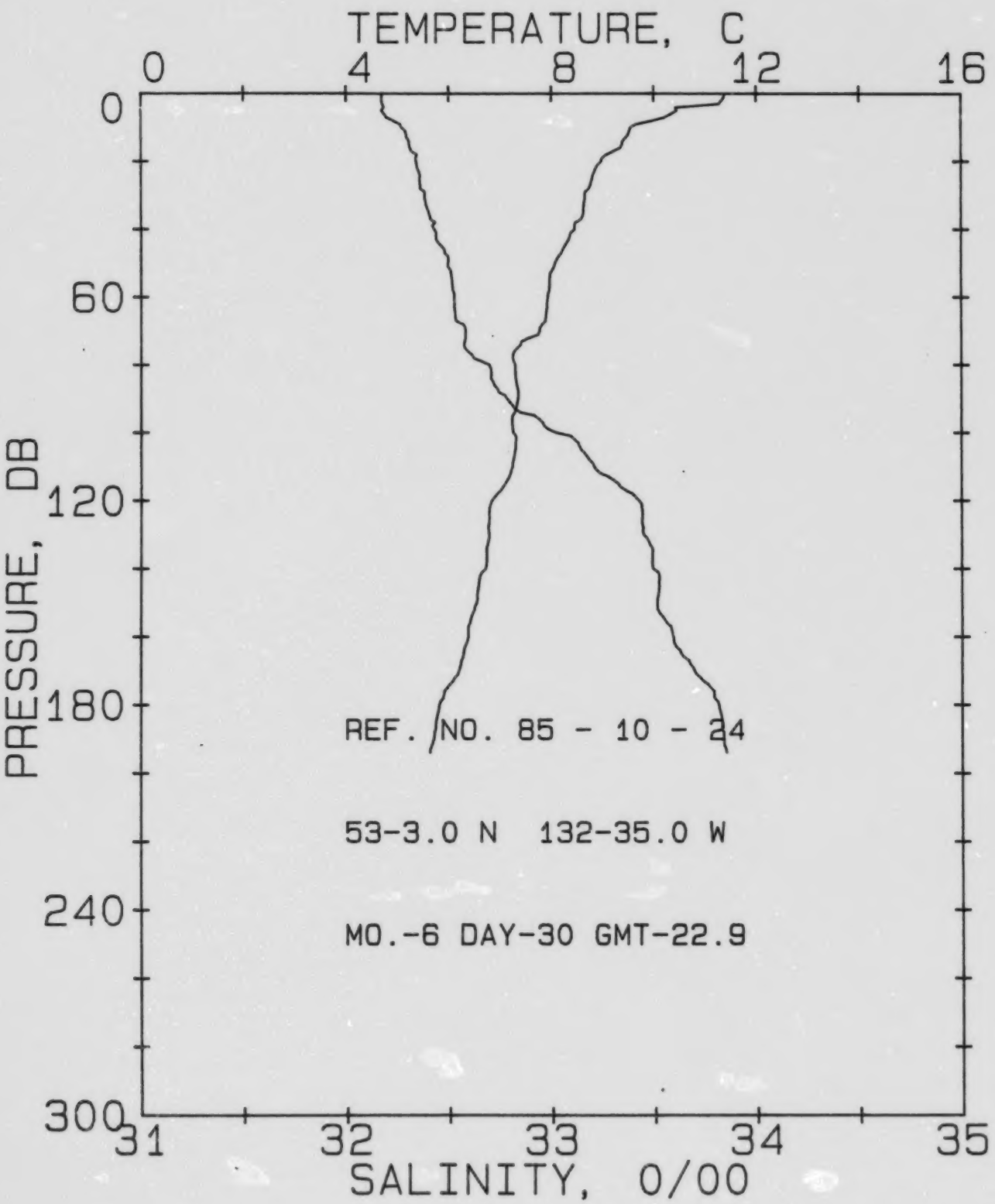
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 22 DATE 30/ 6/85
POSITION 52-52.0N, 132-20.8W GMT 20.8 STATION Q 13
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.85	32.19	0	24.64	330.9	.00	.00	1490.
10	10.32	32.28	10	24.80	315.5	.33	.02	1488.
20	9.20	32.34	20	25.03	294.0	.63	.06	1484.
30	8.96	32.37	30	25.09	288.8	.92	.14	1484.
50	8.63	32.41	50	25.17	281.2	1.49	.37	1483.
75	8.17	32.52	75	25.32	266.9	2.18	.80	1482.
100	7.57	32.60	99	25.48	252.6	2.83	1.38	1480.
125	7.18	32.96	124	25.81	221.4	3.41	2.05	1479.
150	6.38	33.70	149	26.50	156.1	3.87	2.70	1477.
175	6.26	33.78	174	26.57	149.3	4.25	3.32	1477.
200	5.93	33.84	199	26.67	140.9	4.62	4.02	1477.
225	5.33	33.88	223	26.77	130.6	4.95	4.75	1475.
250	5.09	33.91	248	26.82	126.4	5.27	5.52	1474.
300	4.86	33.93	298	26.87	122.4	5.90	7.26	1474.
400	4.61	33.99	397	26.94	116.3	7.09	11.51	1475.
500	4.36	34.04	496	27.01	110.8	8.22	16.71	1475.
600	4.15	34.09	595	27.07	105.5	9.30	22.73	1476.
DEEPEST MEASUREMENT:								
645	4.06	34.11	639	27.09	103.3	9.77	25.71	1476.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 23
52-57.3 N 132-27.8 W
MO.-6 DAY-30 GMT-22.0
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 23 DATE 30/ 6/85
POSITION 52-57.3N, 132-27.8W GMT 22.0 STATION Q 12
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.43	32.16	0	24.51	343.1	.00	.00	1492.
10	10.28	32.25	10	24.78	317.6	.34	.02	1488.
20	9.37	32.33	20	24.99	297.6	.64	.06	1485.
30	9.10	32.35	30	25.06	291.7	.94	.14	1484.
50	8.23	32.46	50	25.27	271.9	1.50	.37	1481.
75	7.72	32.62	75	25.47	253.0	2.16	.78	1480.
100	7.08	33.06	99	25.91	211.9	2.74	1.30	1478.
125	6.57	33.40	124	26.24	180.5	3.23	1.86	1477.
150	6.33	33.71	149	26.52	154.5	3.64	2.43	1477.
175	5.84	33.82	174	26.66	140.6	4.00	3.03	1476.
200	5.52	33.86	199	26.73	134.6	4.35	3.69	1475.
DEEPEST MEASUREMENT:								
204	5.48	33.86	203	26.74	133.6	4.40	3.80	1475.


TEMPERATURE, C
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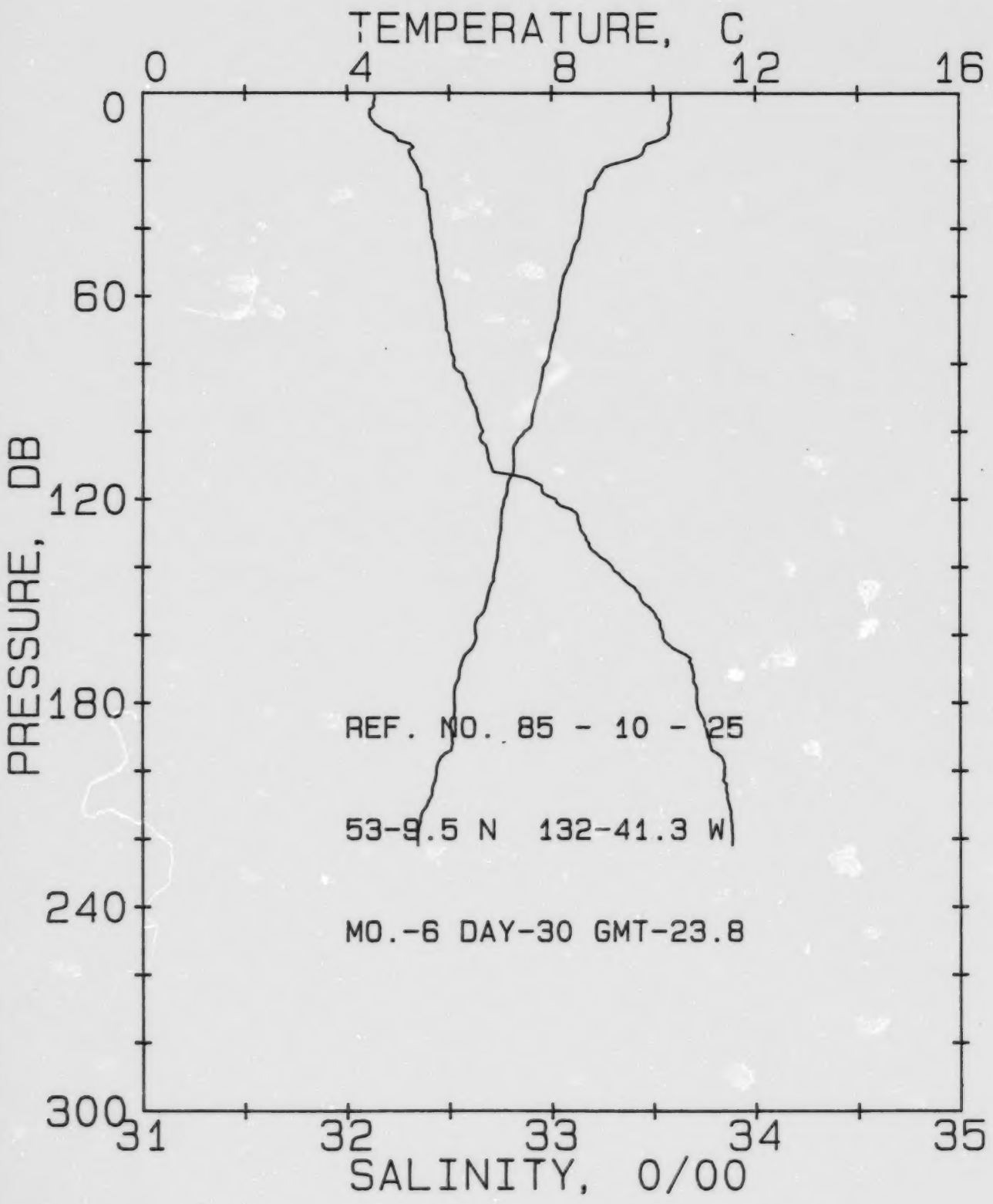
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 24
53-3.0 N 132-35.0 W
MO.-6 DAY-30 GMT-22.9
31
32
33
34
35
SALINITY, 0/00

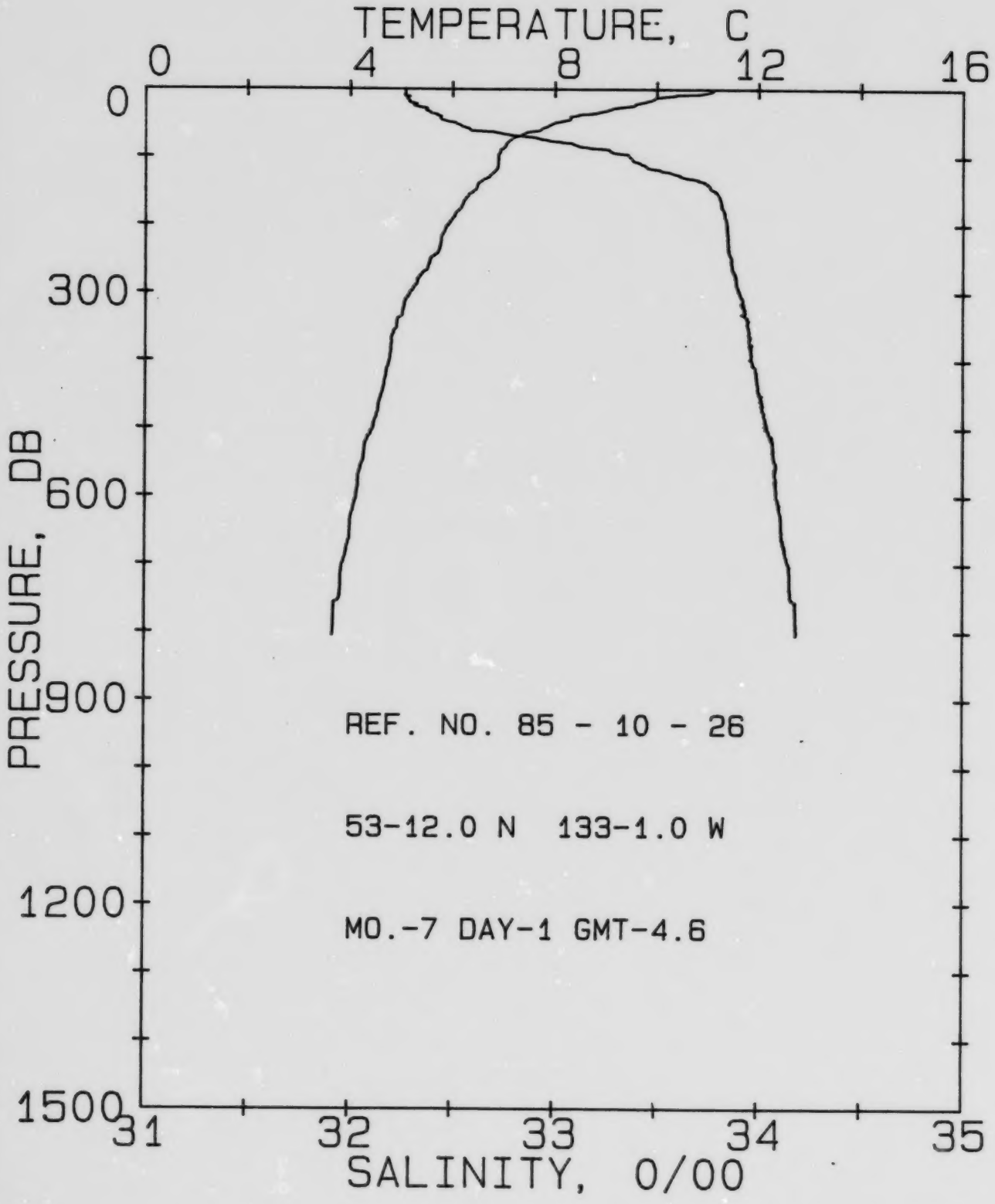
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 24 DATE 30/ 6/85
POSITION 53- 3.0N, 132-35.0W GMT 22.9 STATION Q 11
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.38	32.17	0	24.53	341.1	.00	.00	1492.
10	9.55	32.27	10	24.92	304.2	.33	.02	1485.
20	8.98	32.34	20	25.07	290.6	.62	.06	1484.
30	8.66	32.38	30	25.15	283.0	.91	.13	1483.
50	8.07	32.50	50	25.32	266.6	1.46	.36	1481.
75	7.33	32.58	75	25.49	250.9	2.11	.77	1478.
100	7.24	33.02	99	25.85	217.0	2.70	1.30	1479.
125	6.78	33.44	124	26.24	180.2	3.20	1.86	1478.
150	6.53	33.51	149	26.33	171.9	3.63	2.47	1478.
175	5.95	33.77	174	26.61	145.5	4.04	3.14	1476.
DEEPEST MEASUREMENT:								
194	5.61	33.85	193	26.72	135.9	4.30	3.64	1475.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 25
53-9.5 N 132-41.3 W
MO.-6 DAY-30 GMT-23.8
31
32
33
34
35
SALINITY, 0/00

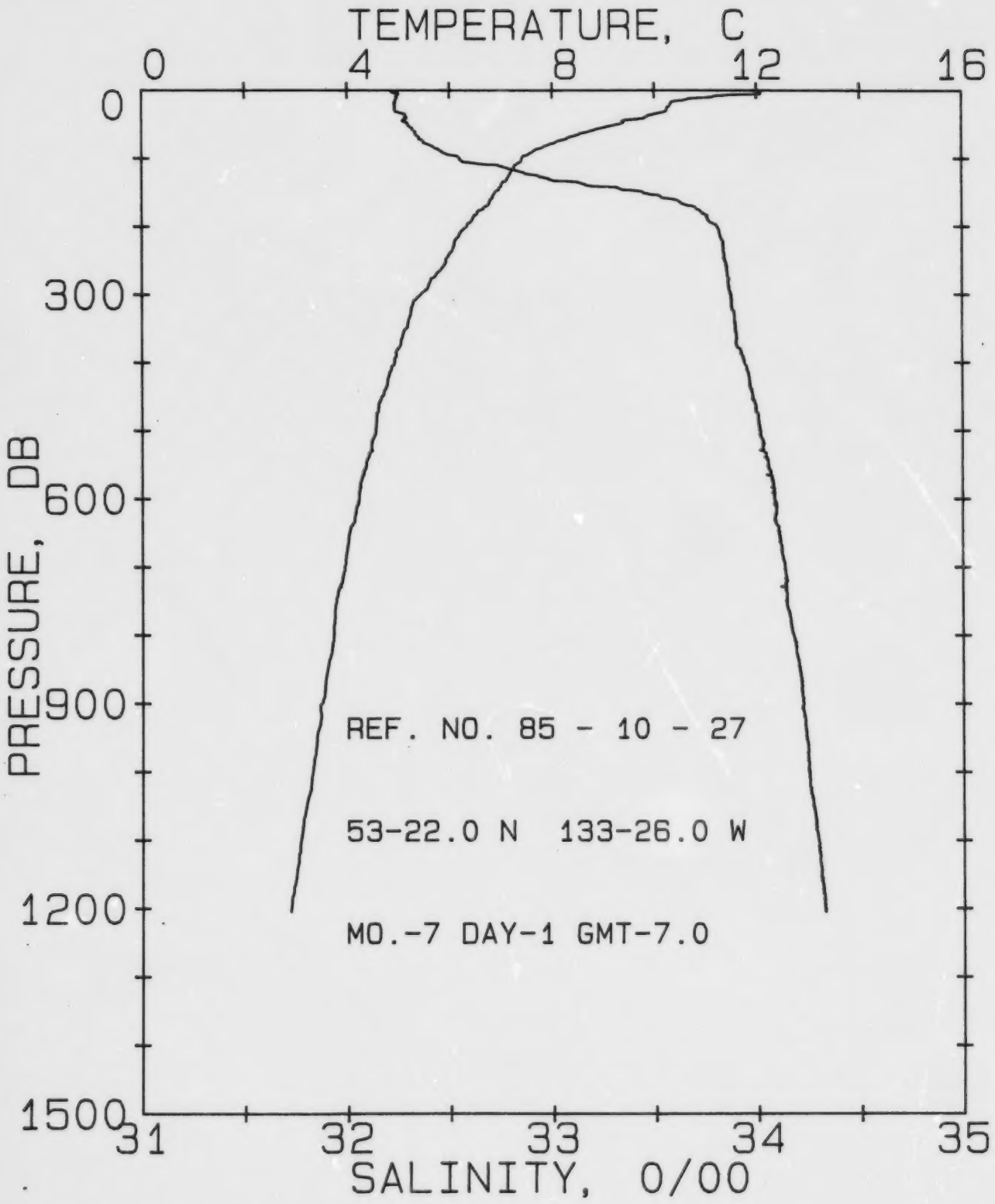
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 25 DATE 30/ 6/85
POSITION 53- 9.5N, 132-41.3W GMT 23.8 STATION Q 80
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.34	32.13	0	24.68	326.7	.00	.00	1488.
10	10.32	32.16	10	24.71	324.8	.33	.02	1488.
20	9.45	32.33	20	24.98	299.0	.64	.06	1485.
30	8.67	32.39	30	25.15	282.5	.93	.14	1483.
50	8.38	32.44	50	25.23	275.3	1.49	.36	1482.
75	7.98	32.51	75	25.35	264.8	2.16	.79	1481.
100	7.47	32.66	99	25.54	246.6	2.80	1.36	1479.
125	7.01	33.13	124	25.97	206.5	3.38	2.02	1479.
150	6.73	33.44	149	26.25	179.8	3.87	2.70	1478.
175	6.11	33.71	174	26.54	152.6	4.28	3.39	1477.
200	5.73	33.84	199	26.70	138.0	4.65	4.09	1476.
225	5.37	33.89	223	26.77	130.7	4.98	4.81	1475.
DEEPEST MEASUREMENT:								
222	5.37	33.88	220	26.77	131.0	4.94	4.73	1475.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 26
53-12.0 N 133-1.0 W
MO.-7 DAY-1 GMT-4.6
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 26 DATE 1/ 7/85
POSITION 53-12.0N, 133- 1.0W GMT 4.6 STATION Q 77
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.11	32.27	0	24.66	329.4	.00	.00	1491.
10	10.25	32.27	10	24.80	315.5	.33	.02	1488.
20	9.68	32.29	20	24.92	304.7	.63	.06	1486.
30	9.07	32.37	30	25.07	290.2	.93	.14	1484.
50	7.98	32.52	50	25.35	263.6	1.49	.36	1480.
75	7.14	32.96	75	25.82	220.2	2.10	.75	1478.
100	6.90	33.37	99	26.17	186.6	2.60	1.20	1478.
125	6.78	33.59	124	26.36	169.4	3.05	1.71	1478.
150	6.41	33.79	149	26.57	149.8	3.45	2.26	1478.
175	6.18	33.82	174	26.62	145.0	3.81	2.87	1477.
200	5.91	33.84	199	26.67	140.1	4.17	3.55	1476.
225	5.78	33.85	223	26.70	138.3	4.51	4.30	1476.
250	5.57	33.87	248	26.73	135.0	4.86	5.13	1476.
300	5.17	33.91	298	26.81	127.8	5.52	6.98	1475.
400	4.76	33.97	397	26.91	119.6	6.74	11.35	1475.
500	4.44	34.04	496	27.00	111.6	7.90	16.64	1476.
600	4.12	34.09	595	27.07	105.2	8.97	22.64	1476.
800	3.67	34.19	793	27.19	94.5	10.96	36.77	1477.
DEEPEST MEASUREMENT:								
805	3.67	34.18	798	27.19	94.6	11.00	37.16	1478.

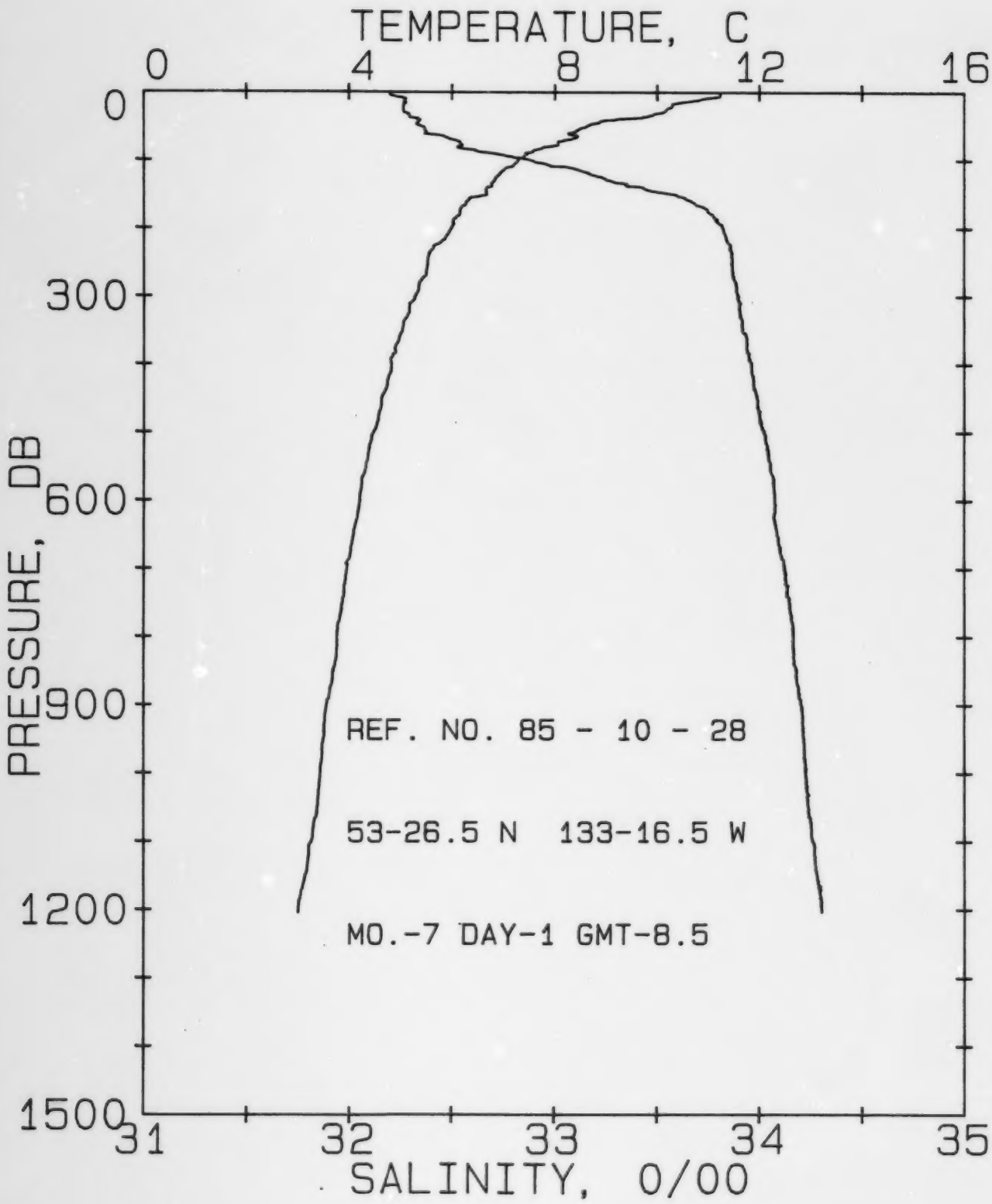

TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 27
53-22.0 N 133-26.0 W
MO.-7 DAY-1 GMT-7.0
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 27 DATE 1/ 7/85
POSITION 53-22.0N, 133-26.0W GMT 7.0 STATION Q 98
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.09	32.22	0	24.44	349.9	.00	.00	1494.
10	11.06	32.25	10	24.65	330.4	.34	.02	1491.
20	10.33	32.23	20	24.76	319.6	.66	.07	1488.
30	10.24	32.24	30	24.78	318.0	.98	.15	1488.
50	9.26	32.30	50	24.99	298.5	1.60	.40	1485.
75	8.10	32.37	75	25.22	276.5	2.31	.85	1481.
100	7.42	32.55	99	25.46	254.2	2.98	1.44	1479.
125	7.16	32.93	124	25.79	223.4	3.58	2.13	1479.
150	6.89	33.45	149	26.24	181.3	4.09	2.84	1479.
175	6.64	33.71	174	26.48	158.7	4.51	3.54	1479.
200	6.34	33.81	199	26.59	148.1	4.89	4.27	1478.
225	6.10	33.83	223	26.64	143.6	5.26	5.06	1478.
250	5.93	33.85	248	26.67	140.8	5.61	5.92	1477.
300	5.43	33.88	298	26.76	133.2	6.30	7.84	1476.
400	4.92	33.94	397	26.87	123.7	7.59	12.42	1476.
500	4.54	34.01	496	26.97	114.8	8.77	17.85	1476.
600	4.22	34.08	595	27.06	106.8	9.87	24.02	1476.
800	3.71	34.17	793	27.18	96.0	11.89	38.40	1478.
1000	3.30	34.25	990	27.28	87.0	13.71	55.06	1479.
1200	2.88	34.32	1188	27.38	78.5	15.36	73.54	1481.

DEEPEST MEASUREMENT:

1205	2.88	34.32	1193	27.38	78.0	15.40	74.02	1481.

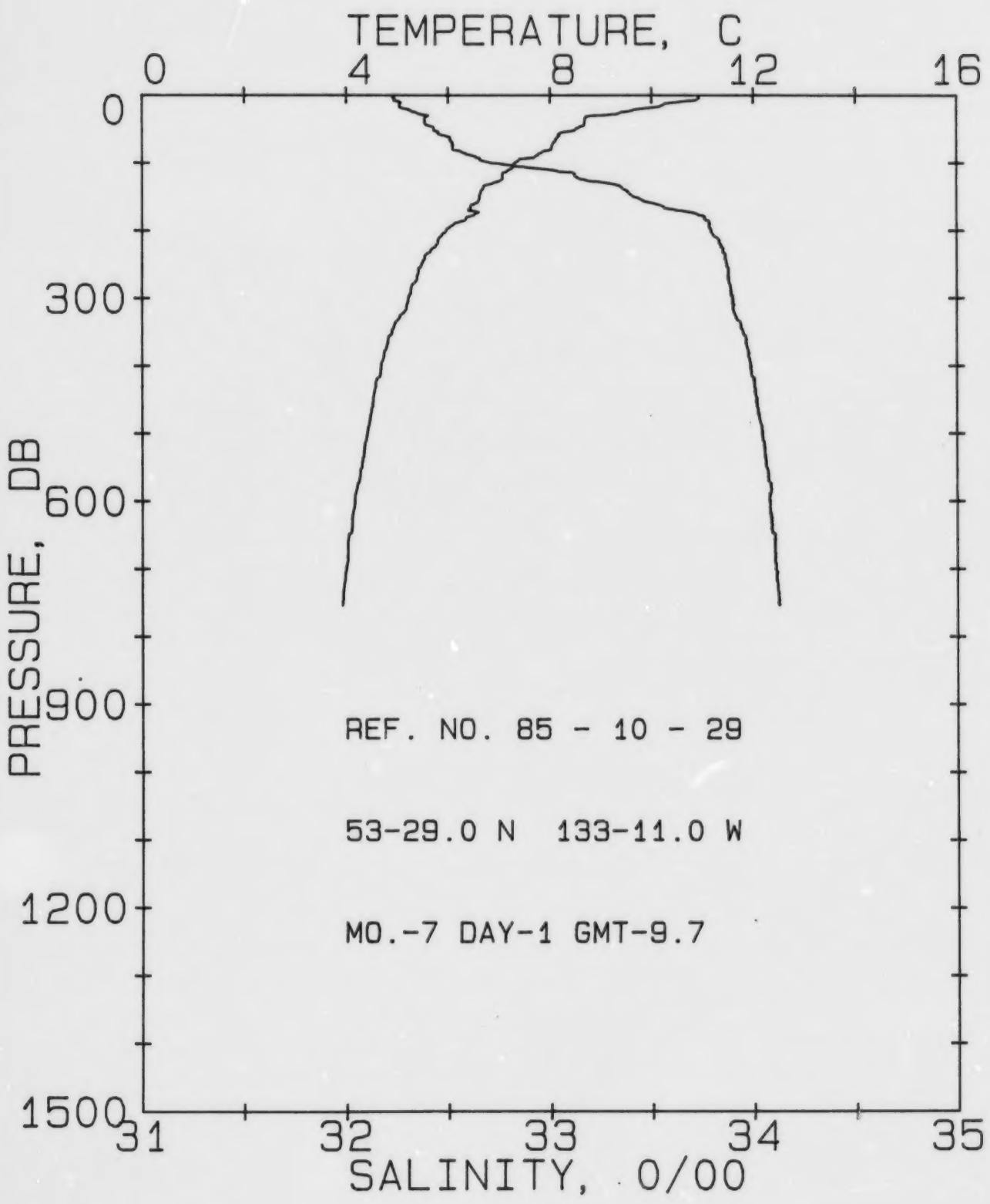

TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 28
53-26.5 N 133-16.5 W
MO.-7 DAY-1 GMT-8.5
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 28 DATE 1/ 7/85
POSITION 53-26.5N, 133-16.5W GMT 8.5 STATION Q 99
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.24	32.21	0	24.58	336.4	.00	.00	1491.
10	10.87	32.28	10	24.70	325.1	.33	.02	1490.
20	10.30	32.26	20	24.79	316.9	.65	.07	1488.
30	10.09	32.27	30	24.83	313.4	.97	.15	1488.
50	8.62	32.35	50	25.13	285.4	1.56	.39	1483.
75	8.06	32.54	75	25.36	263.6	2.25	.82	1481.
100	7.28	32.88	99	25.74	228.0	2.87	1.38	1479.
125	6.86	33.23	124	26.07	196.9	3.40	1.98	1478.
150	6.68	33.58	149	26.37	168.8	3.86	2.63	1478.
175	6.16	33.75	174	26.57	149.9	4.25	3.27	1477.
200	5.99	33.82	199	26.65	142.7	4.62	3.97	1477.
225	5.66	33.86	223	26.72	136.1	4.97	4.73	1476.
250	5.53	33.87	248	26.74	134.3	5.31	5.55	1476.
300	5.27	33.90	298	26.79	129.5	5.97	7.40	1476.
400	4.82	33.96	397	26.90	120.6	7.22	11.86	1475.
500	4.46	34.02	496	26.98	113.1	8.40	17.23	1476.
600	4.19	34.08	595	27.05	106.9	9.49	23.36	1476.
800	3.75	34.17	793	27.17	96.8	11.53	37.85	1478.
1000	3.43	34.23	990	27.25	90.2	13.39	54.93	1480.
1200	3.00	34.31	1188	27.35	80.8	15.11	74.19	1481.

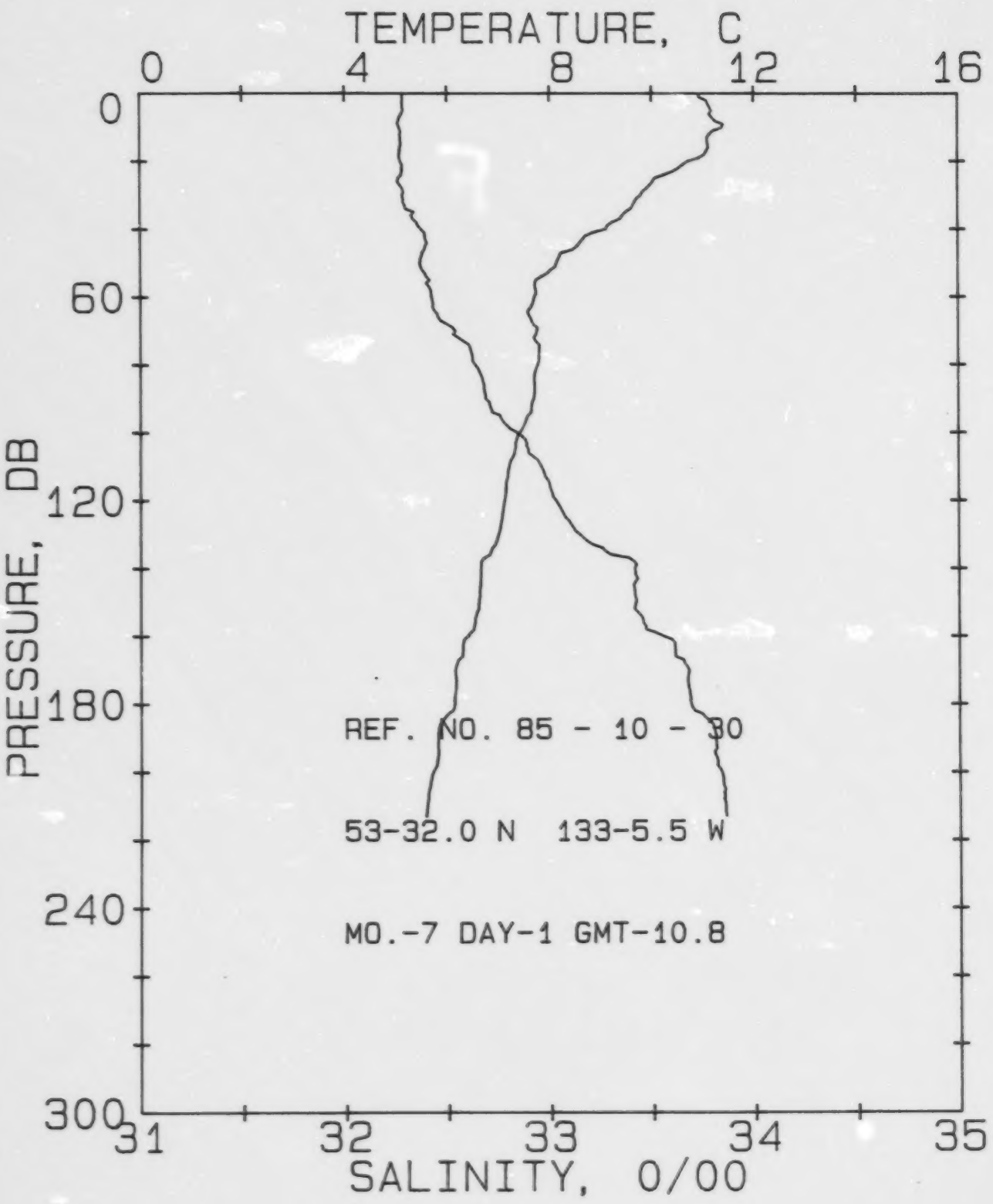
DEEPEST MEASUREMENT:

1204	3.00	34.30	1192	27.35	80.8	15.15	74.58	1481.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 29
53-29.0 N 133-11.0 W
MO.-7 DAY-1 GMT-9.7
31
32
33
34
35
SALINITY, 0/00

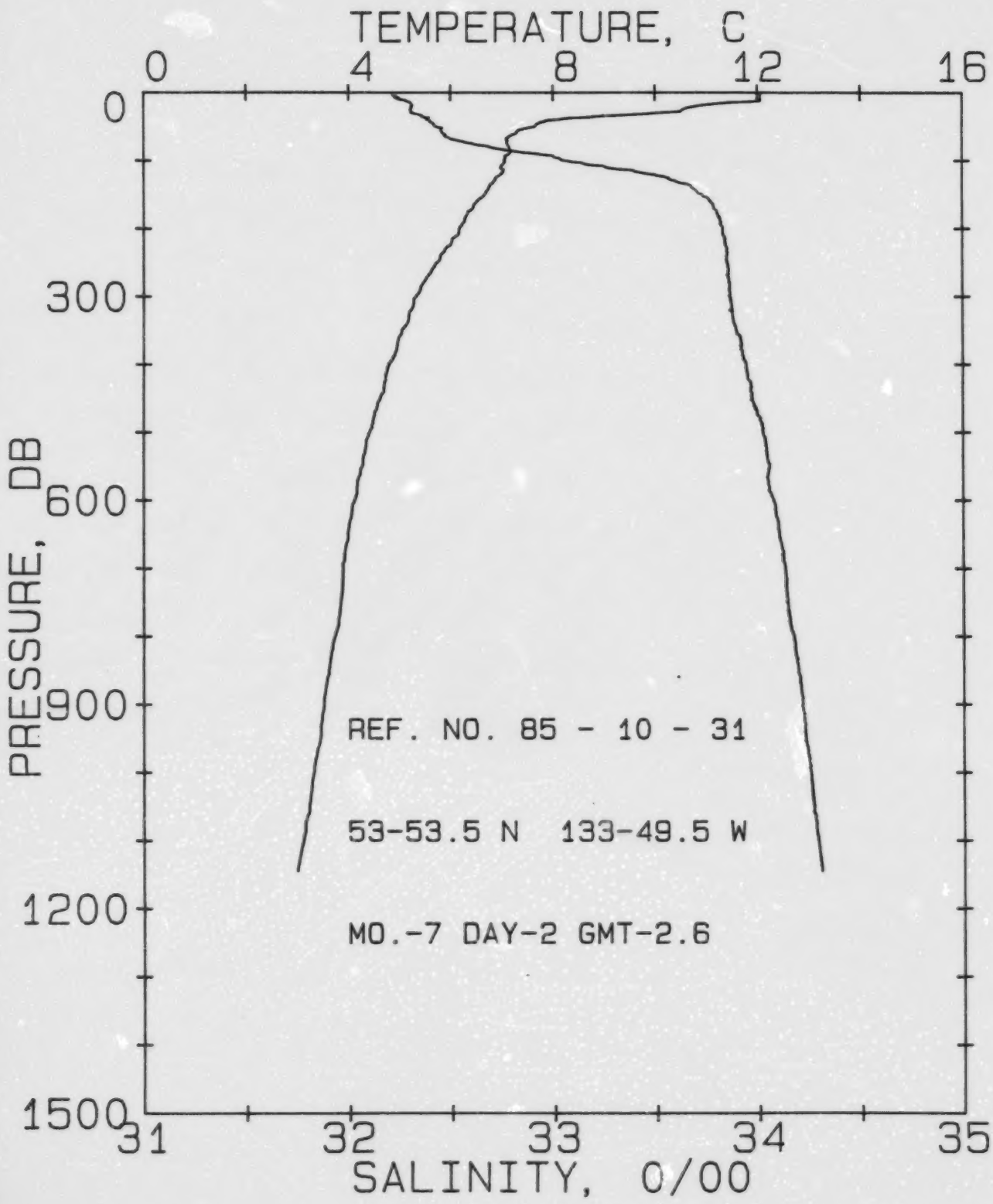
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 29 DATE 1/ 7/85
POSITION 53-29.0N, 133-11.0W GMT 9.7 STATION Q100
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.93	32.23	0	24.66	329.3	.00	.00	1490.
10	10.53	32.26	10	24.75	321.0	.33	.02	1489.
20	9.75	32.29	20	24.91	306.0	.64	.06	1486.
30	8.81	32.41	30	25.14	283.7	.94	.14	1483.
50	8.52	32.43	50	25.21	277.7	1.50	.37	1482.
75	8.04	32.52	75	25.35	264.7	2.18	.80	1481.
100	7.32	32.71	99	25.60	241.2	2.81	1.36	1479.
125	7.05	33.17	124	26.00	203.8	3.36	1.99	1479.
150	6.62	33.41	149	26.24	180.7	3.83	2.64	1478.
175	6.53	33.72	174	26.50	156.6	4.25	3.34	1478.
200	5.97	33.79	199	26.63	144.7	4.62	4.05	1477.
225	5.73	33.85	223	26.70	138.1	4.97	4.82	1476.
250	5.48	33.87	248	26.75	133.5	5.31	5.64	1476.
300	5.22	33.90	298	26.80	129.1	5.97	7.48	1475.
400	4.68	33.98	397	26.93	117.4	7.20	11.84	1475.
500	4.40	34.04	496	27.01	110.9	8.33	17.05	1475.
600	4.15	34.08	595	27.06	106.0	9.42	23.11	1476.
DEEPEST MEASUREMENT:								
754	3.91	34.13	747	27.12	101.3	11.01	34.10	1478.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 30
53-32.0 N 133-5.5 W
MO.-7 DAY-1 GMT-10.8
31
32
33
34
35
SALINITY, 0/00

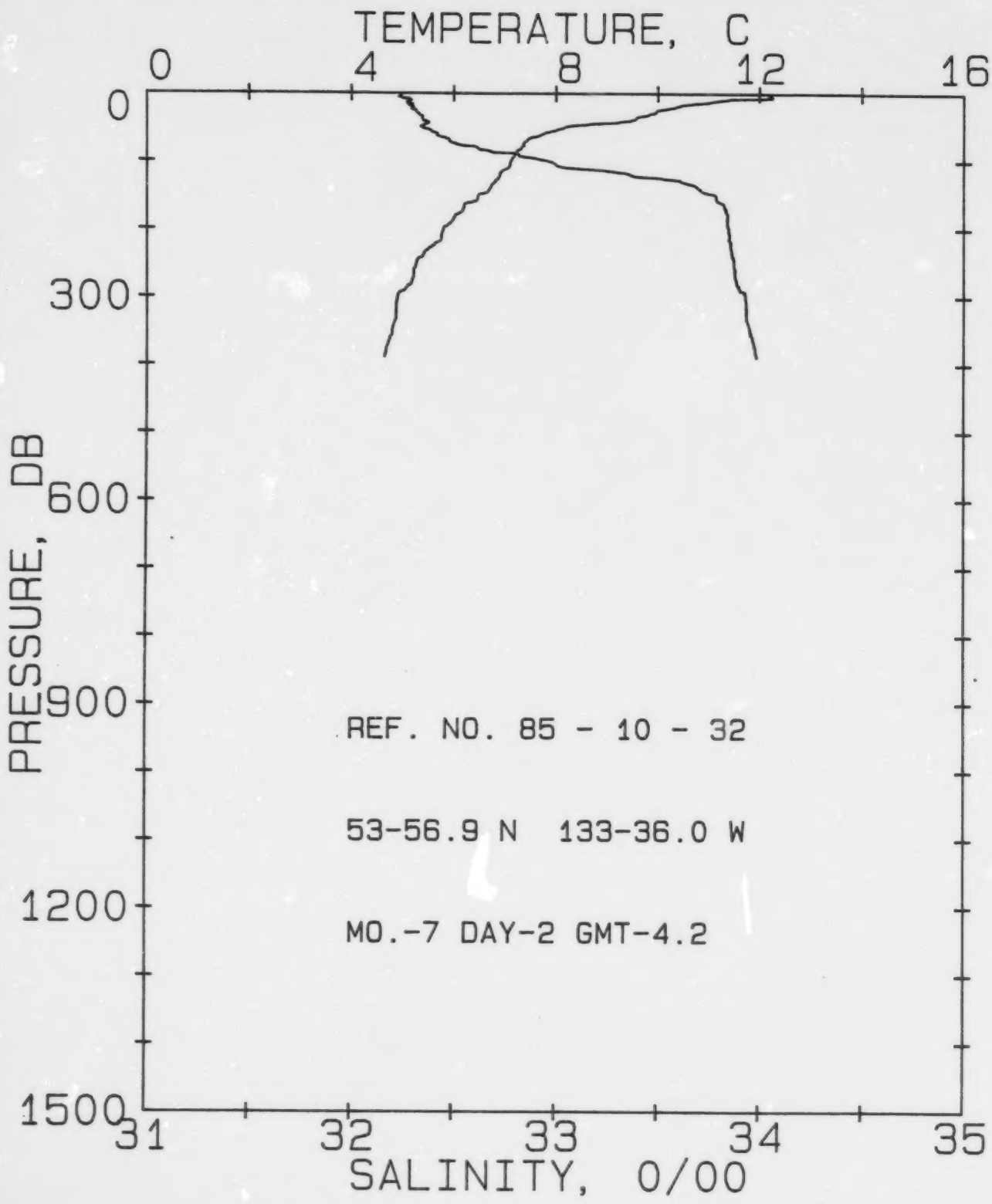
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 30 DATE 1/ 7/85
POSITION 53-32.0N, 133- 5.5W GMT 10.8 STATION Q101
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.94	32.29	0	24.70	325.4	.00	.00	1490.
10	11.39	32.27	10	24.61	334.4	.33	.02	1492.
20	10.71	32.27	20	24.73	322.8	.66	.07	1490.
30	9.79	32.28	30	24.89	307.6	.97	.15	1487.
50	8.14	32.37	50	25.21	277.2	1.55	.38	1481.
75	7.80	32.61	75	25.45	254.5	2.22	.80	1480.
100	7.41	32.84	99	25.69	232.6	2.83	1.35	1479.
125	7.07	33.08	124	25.92	211.0	3.39	1.98	1479.
150	6.60	33.42	149	26.25	179.9	3.86	2.65	1478.
175	6.15	33.67	174	26.51	155.5	4.28	3.33	1477.
200	5.70	33.84	199	26.69	138.2	4.64	4.03	1476.
DEEPEST MEASUREMENT:								
213	5.56	33.86	211	26.73	135.0	4.82	4.40	1475.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 31
53-53.5 N 133-49.5 W
MO.-7 DAY-2 GMT-2.6
31
32
33
34
35
SALINITY, 0/00

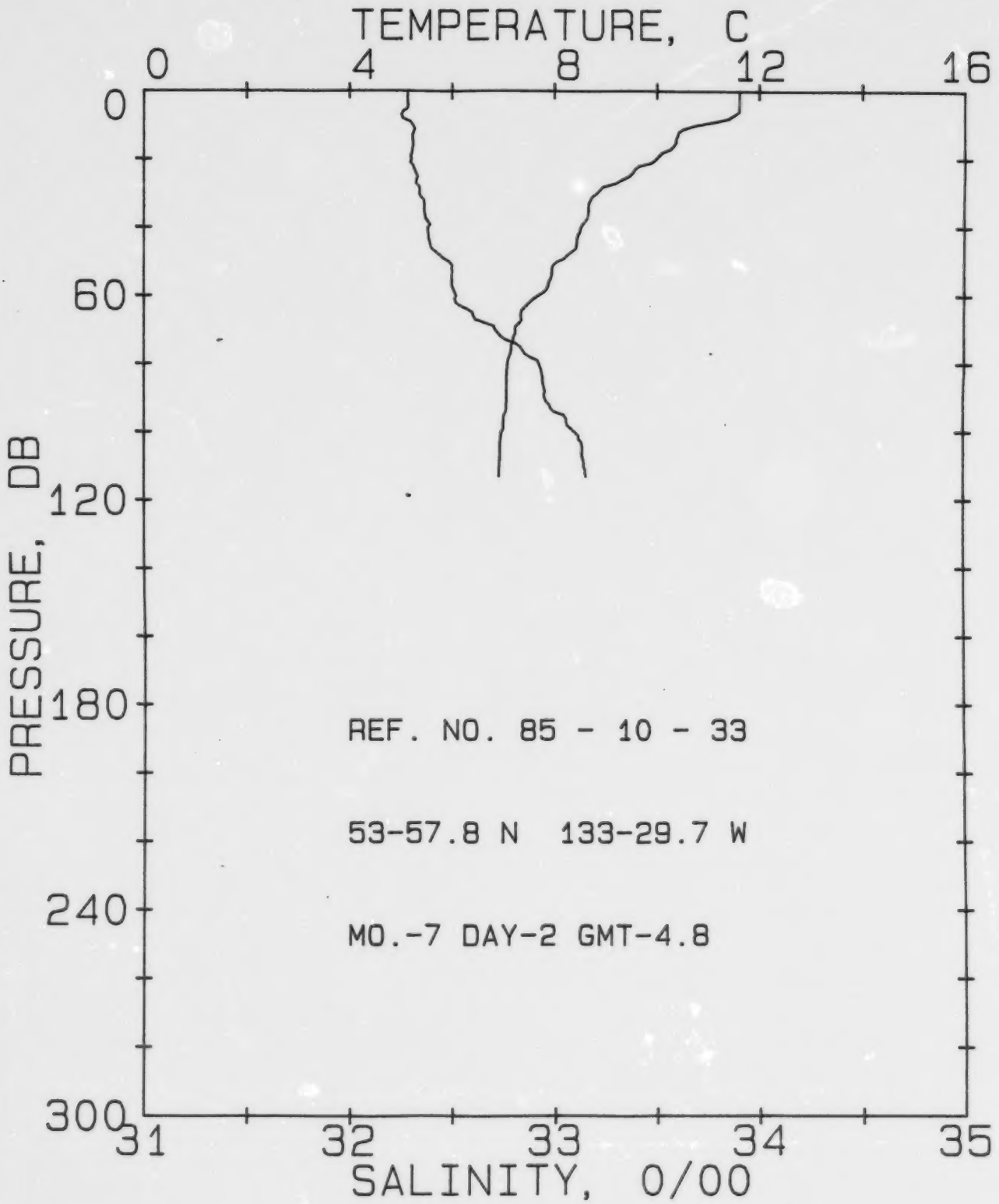
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 31 DATE 2/ 7/85
POSITION 53-53.5N, 133-49.5W GMT 2.6 STATION Q 21
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.06	32.22	0	24.44	349.6	.00	.00	1494.
10	12.07	32.25	10	24.47	347.5	.35	.02	1494.
20	10.80	32.31	20	24.74	321.5	.68	.07	1490.
30	9.97	32.32	30	24.89	308.0	1.00	.15	1487.
50	7.64	32.43	50	25.33	265.7	1.56	.37	1479.
75	7.11	32.61	75	25.54	245.9	2.20	.78	1478.
100	7.05	33.05	99	25.90	212.1	2.77	1.29	1478.
125	6.90	33.55	124	26.32	173.3	3.25	1.84	1479.
150	6.66	33.73	149	26.49	157.3	3.66	2.41	1478.
175	6.35	33.80	174	26.59	148.2	4.04	3.04	1478.
200	6.18	33.83	199	26.63	144.4	4.40	3.74	1477.
225	5.99	33.85	223	26.67	141.3	4.76	4.51	1477.
250	5.74	33.85	248	26.70	138.1	5.11	5.36	1477.
300	5.32	33.87	298	26.76	132.6	5.78	7.25	1476.
400	4.78	33.94	397	26.88	121.7	7.06	11.79	1475.
500	4.40	34.02	496	26.99	112.4	8.23	17.16	1475.
600	4.10	34.07	595	27.06	106.0	9.33	23.27	1476.
800	3.70	34.17	793	27.18	95.9	11.34	37.63	1478.
1000	3.30	34.25	990	27.28	86.8	13.17	54.35	1479.
DEEPEST MEASUREMENT:								
1145	2.98	34.30	1133	27.35	80.3	14.38	67.56	1480.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 32
53-56.9 N 133-36.0 W
MO.-7 DAY-2 GMT-4.2
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 32 DATE 2/ 7/85
POSITION 53-56.9N, 133-36.0W GMT 4.2 STATION Q 20
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.19	32.24	0	24.44	350.1	.00	.00	1495.
10	11.24	32.29	10	24.65	330.0	.35	.02	1492.
20	10.34	32.30	20	24.81	314.9	.67	.07	1489.
30	9.84	32.33	30	24.92	304.8	.98	.15	1487.
50	8.16	32.34	50	25.19	279.2	1.57	.38	1481.
75	7.36	32.51	75	25.44	256.0	2.23	.81	1478.
100	7.12	32.97	99	25.83	219.6	2.82	1.33	1478.
125	6.87	33.52	124	26.29	175.4	3.33	1.91	1479.
150	6.49	33.79	149	26.55	151.0	3.73	2.47	1478.
175	6.15	33.84	174	26.64	143.2	4.10	3.08	1477.
200	5.80	33.85	199	26.69	138.3	4.45	3.75	1476.
225	5.59	33.86	223	26.72	135.6	4.80	4.50	1476.
250	5.27	33.88	248	26.78	130.8	5.13	5.30	1475.
300	4.90	33.93	298	26.86	122.8	5.77	7.10	1474.
400	4.62	33.97	397	26.92	118.1	6.97	11.38	1475.
DEEPEST MEASUREMENT:								
389	4.64	33.98	386	26.93	116.9	6.84	10.86	1475.


TEMPERATURE, C
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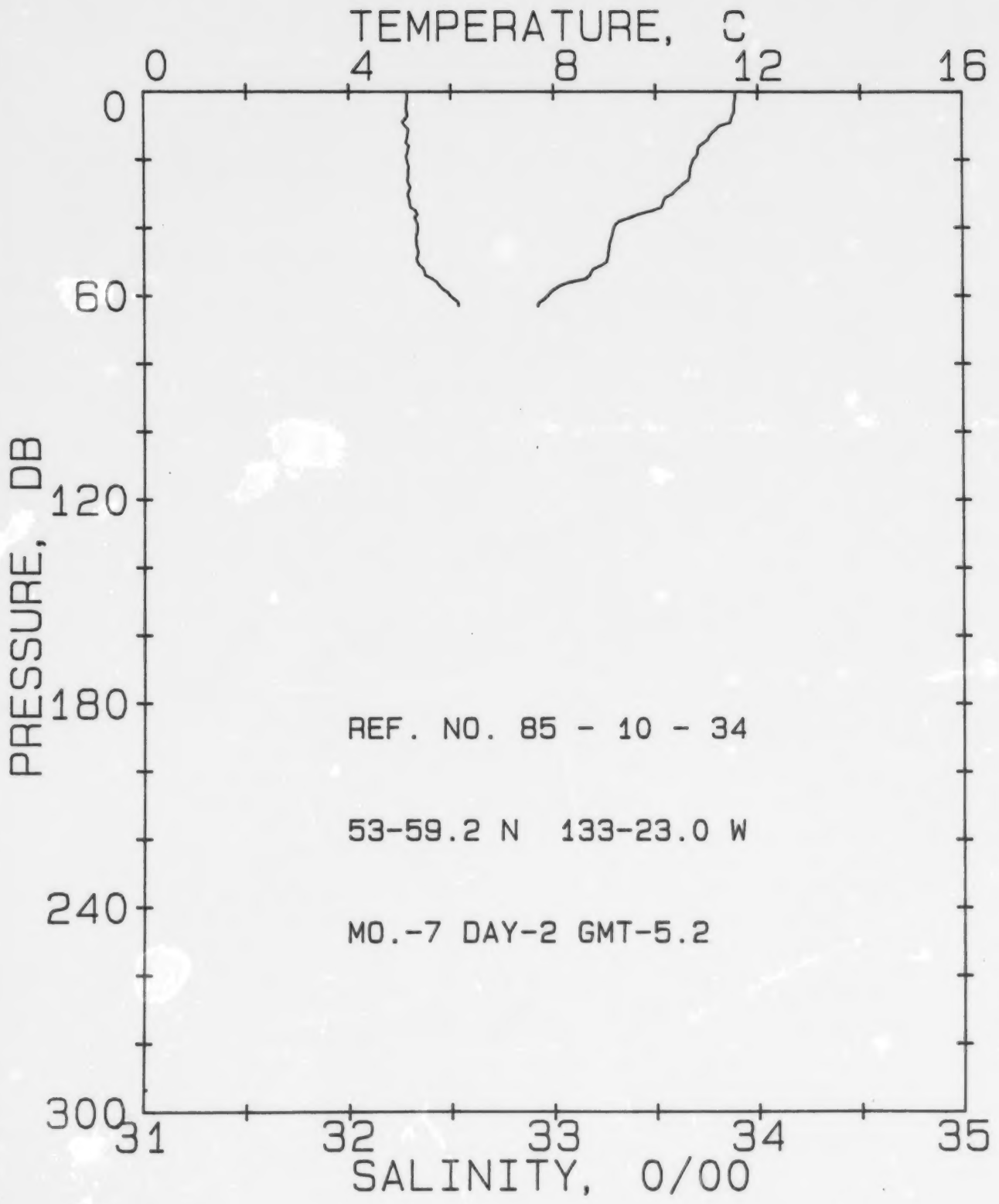
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 33
53-57.8 N 133-29.7 W
MO.-7 DAY-2 GMT-4.8
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 33 DATE 2/ 7/85
POSITION 53-57.8N, 133-29.7W GMT 4.8 STATION Q 19
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.62	32.28	0	24.58	337.1	.00	.00	1493.
10	10.75	32.31	10	24.75	320.7	.34	.02	1490.
20	9.99	32.30	20	24.87	309.2	.65	.06	1487.
30	8.82	32.34	30	25.09	288.7	.95	.14	1483.
50	8.04	32.49	50	25.32	267.1	1.51	.37	1481.
75	7.16	32.83	75	25.72	229.7	2.14	.77	1478.
100	6.96	33.10	99	25.95	207.4	2.69	1.26	1478.

DEEPEST MEASUREMENT:

113	6.91	33.15	112	26.00	203.0	2.96	1.55	1478.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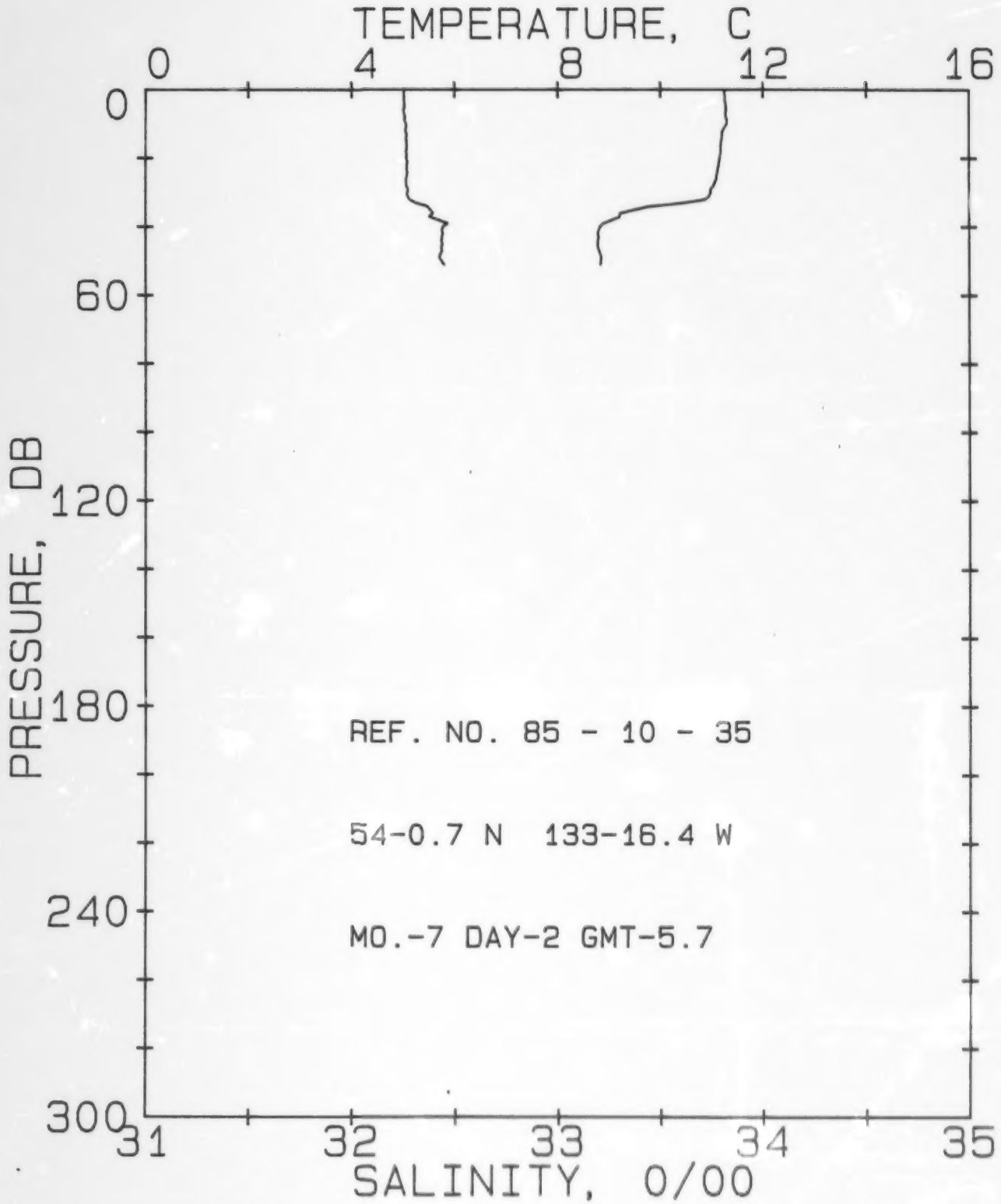
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 34
53-59.2 N 133-23.0 W
MO.-7 DAY-2 GMT-5.2
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 34 DATE 2/ 7/85
POSITION 53-59.2N, 133-23.0W GMT 5.2 STATION Q 18
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.57	32.29	0	24.59	336.0	.00	.00	1493.
10	11.26	32.27	10	24.63	331.7	.34	.02	1492.
20	10.74	32.29	20	24.73	322.5	.66	.07	1490.
30	10.34	32.29	30	24.81	315.7	.98	.15	1489.
50	9.04	32.34	50	25.05	292.5	1.58	.39	1484.
DEEPEST MEASUREMENT:								
63	7.69	32.54	63	25.41	258.5	1.94	.60	1480.

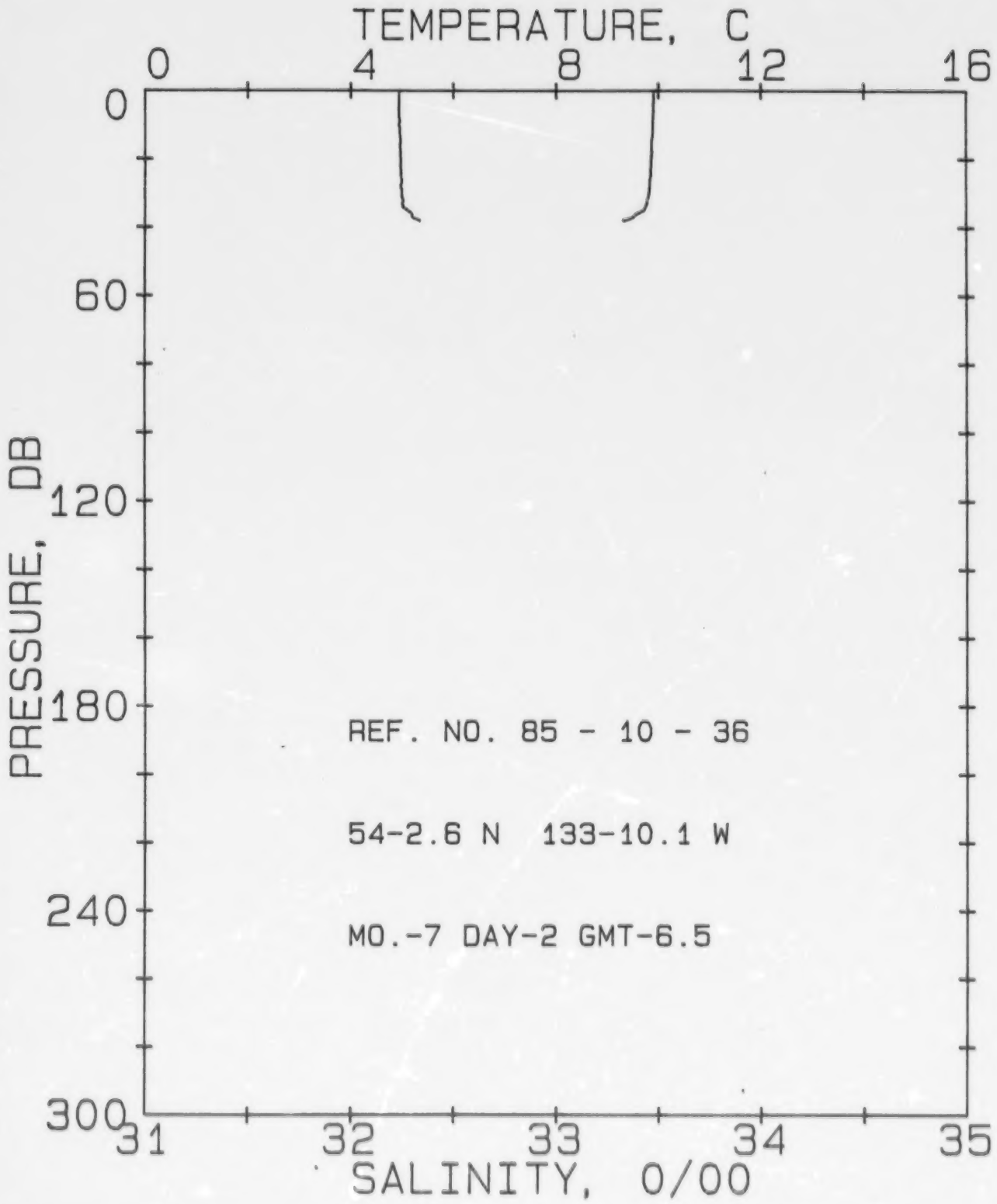

TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 35
54-0.7 N 133-16.4 W
MO.-7 DAY-2 GMT-5.7
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 35 DATE 2/ 7/85
POSITION 54- .7N, 133-16.4W GMT 5.7 STATION Q 17
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.25	32.25	0	24.62	333.0	.00	.00	1491.
10	11.30	32.27	10	24.62	333.2	.33	.02	1492.
20	11.16	32.27	20	24.64	331.0	.66	.07	1491.
30	10.99	32.27	30	24.68	327.9	.99	.15	1491.
50	8.84	32.44	50	25.16	282.1	1.58	.39	1484.

DEEPEST MEASUREMENT:

51	8.83	32.45	51	25.17	281.1	1.61	.40	1484.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 36
54-2.6 N 133-10.1 W
MO.-7 DAY-2 GMT-6.5
31
32
33
34
35
SALINITY, 0/00

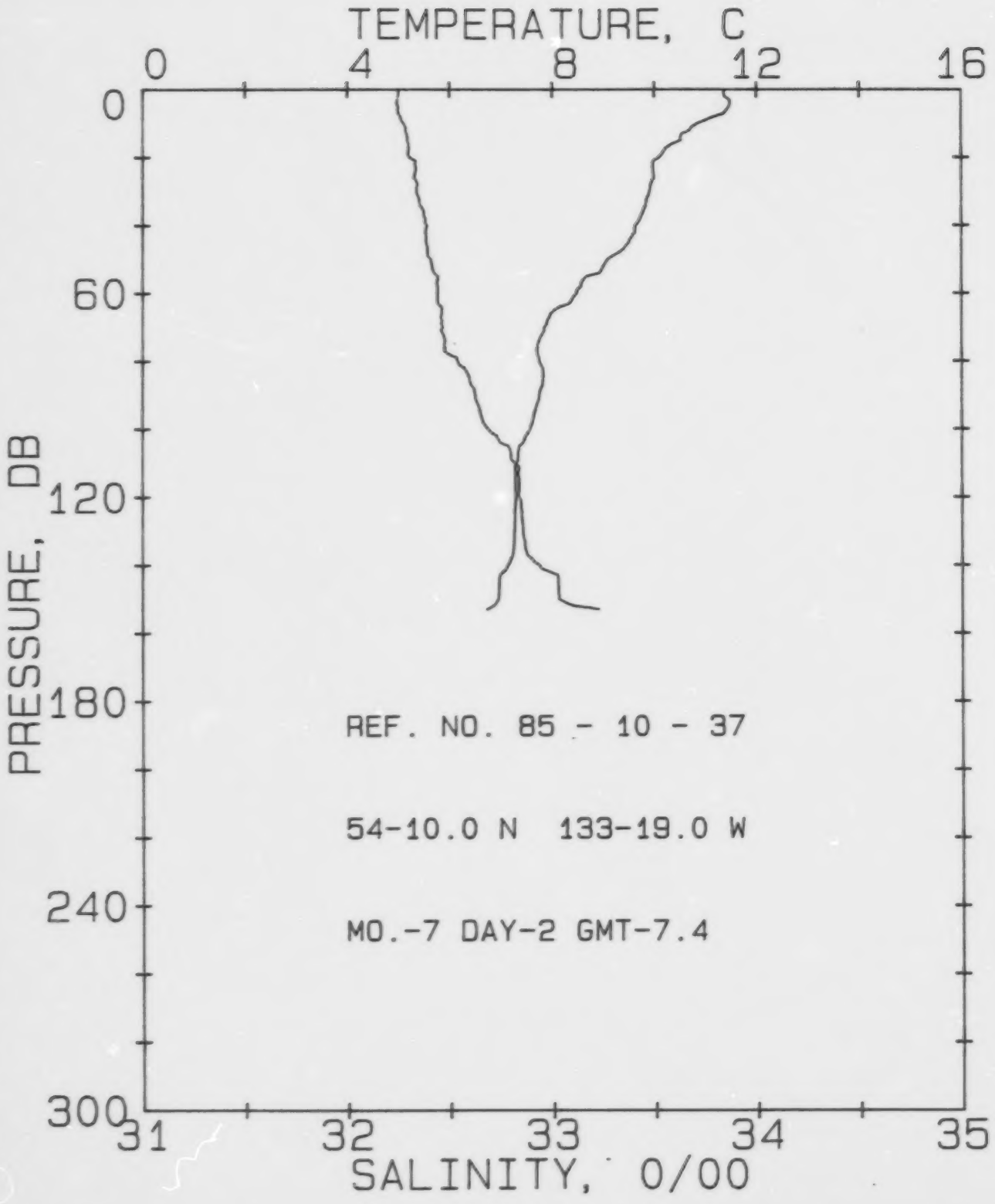
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 36 DATE 2/ 7/85
POSITION 54- 2.6N, 133-10.1W GMT 6.5 STATION Q17A
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	9.91	32.24	0	24.84	312.3	.00	.00	1487.
10	9.90	32.24	10	24.84	312.5	.31	.02	1487.
20	9.87	32.25	20	24.85	311.3	.62	.06	1487.
30	9.82	32.25	30	24.86	310.5	.94	.14	1487.

DEEPEST MEASUREMENT:

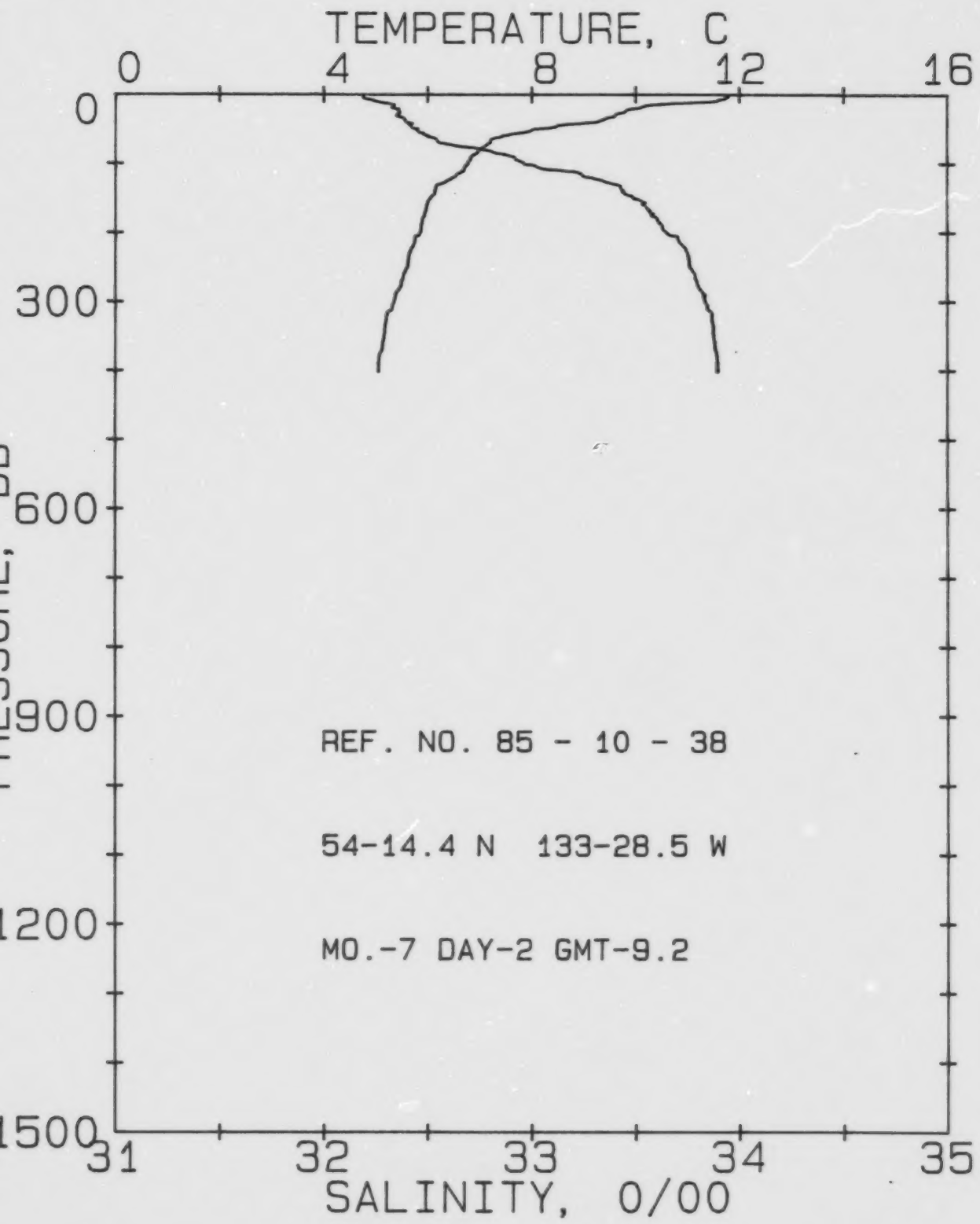
38	9.32	32.34	38	25.01	296.4	1.18	.23	1485.

PRES	DEPTH	TEMP	SAL	PRES	DEPTH	TEMP	SAL
0.		9.91	32.24	20.		9.87	32.25
1.		9.91	32.24	21.		9.86	32.24
2.		9.91	32.24	22.		9.86	32.24
3.		9.91	32.24	23.		9.85	32.25
4.		9.91	32.24	24.		9.85	32.25
5.		9.91	32.24	25.		9.85	32.24
6.		9.91	32.24	26.		9.84	32.25
7.		9.91	32.24	27.		9.84	32.25
8.		9.90	32.24	28.		9.83	32.24
9.		9.90	32.24	29.		9.82	32.25
10.		9.90	32.24	30.		9.82	32.25
11.		9.90	32.24	31.		9.81	32.25
12.		9.89	32.24	32.		9.79	32.26
13.		9.89	32.24	33.		9.78	32.25
14.		9.88	32.24	34.		9.75	32.25
15.		9.87	32.24	35.		9.71	32.28
16.		9.88	32.24	36.		9.57	32.30
17.		9.87	32.24	37.		9.50	32.30
18.		9.87	32.24	38.		9.32	32.34
19.		9.87	32.24				


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 37
54-10.0 N 133-19.0 W
MO.-7 DAY-2 GMT-7.4
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 37 DATE 2/ 7/85
POSITION 54-10.0N, 133-19.0W GMT 7.4 STATION Q 30
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.37	32.25	0	24.60	335.2	.00	.00	1492.
10	10.85	32.28	10	24.71	324.6	.33	.02	1490.
20	10.10	32.31	20	24.86	310.6	.65	.07	1488.
30	9.92	32.34	30	24.92	305.3	.96	.14	1487.
50	9.08	32.41	50	25.10	287.7	1.55	.39	1484.
75	7.72	32.48	75	25.36	263.7	2.24	.82	1480.
100	7.56	32.69	99	25.55	246.1	2.88	1.39	1480.
125	7.27	32.85	124	25.71	230.5	3.46	2.06	1479.
150	6.95	33.03	149	25.90	213.1	4.02	2.84	1479.
DEEPEST MEASUREMENT:								
153	6.72	33.22	152	26.08	195.8	4.08	2.93	1478.

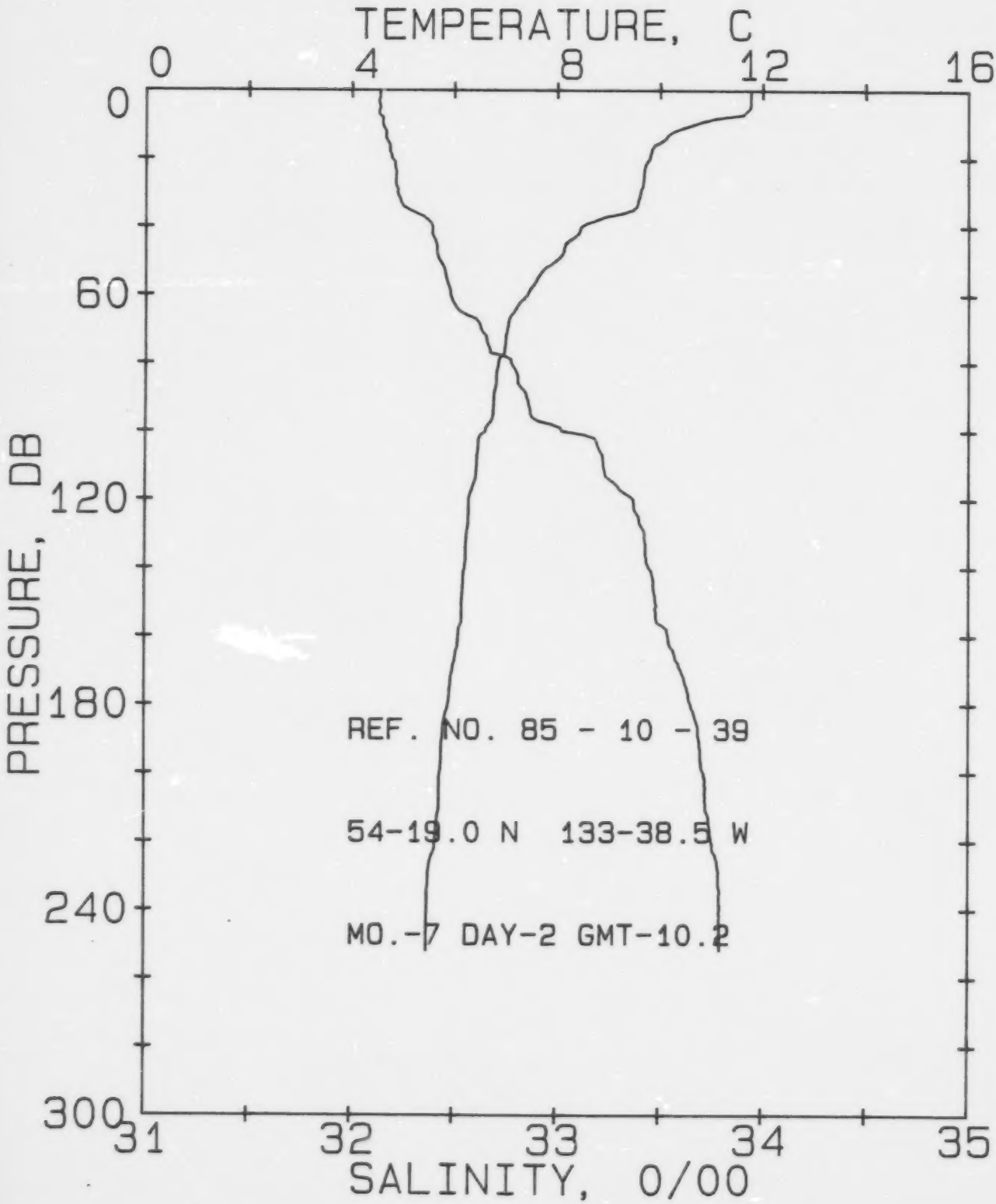

TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
REF. NO. 85 - 10 - 38
54-14.4 N 133-28.5 W
MO.-7 DAY-2 GMT-9.2
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 38 DATE 2/ 7/85
POSITION 54-14.4N, 133-28.5W GMT 9.2 STATION Q 32
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.74	32.19	0	24.48	346.0	.00	.00	1493.
10	11.53	32.25	10	24.57	338.0	.34	.02	1493.
20	10.03	32.34	20	24.90	307.0	.66	.07	1487.
30	9.61	32.35	30	24.98	299.5	.96	.14	1486.
50	8.06	32.46	50	25.29	269.4	1.54	.38	1481.
75	7.10	32.65	75	25.58	242.8	2.18	.78	1478.
100	6.77	32.96	99	25.87	215.3	2.74	1.28	1477.
125	6.37	33.34	124	26.22	182.1	3.24	1.85	1476.
150	6.05	33.50	149	26.38	167.2	3.67	2.46	1476.
175	5.94	33.58	174	26.46	160.1	4.08	3.13	1476.
200	5.85	33.65	199	26.53	153.9	4.47	3.87	1476.
225	5.68	33.74	223	26.62	145.2	4.84	4.68	1476.
250	5.61	33.76	248	26.64	143.4	5.20	5.55	1476.
300	5.35	33.84	298	26.74	135.0	5.89	7.49	1476.
400	5.05	33.90	397	26.82	128.2	7.20	12.14	1476.

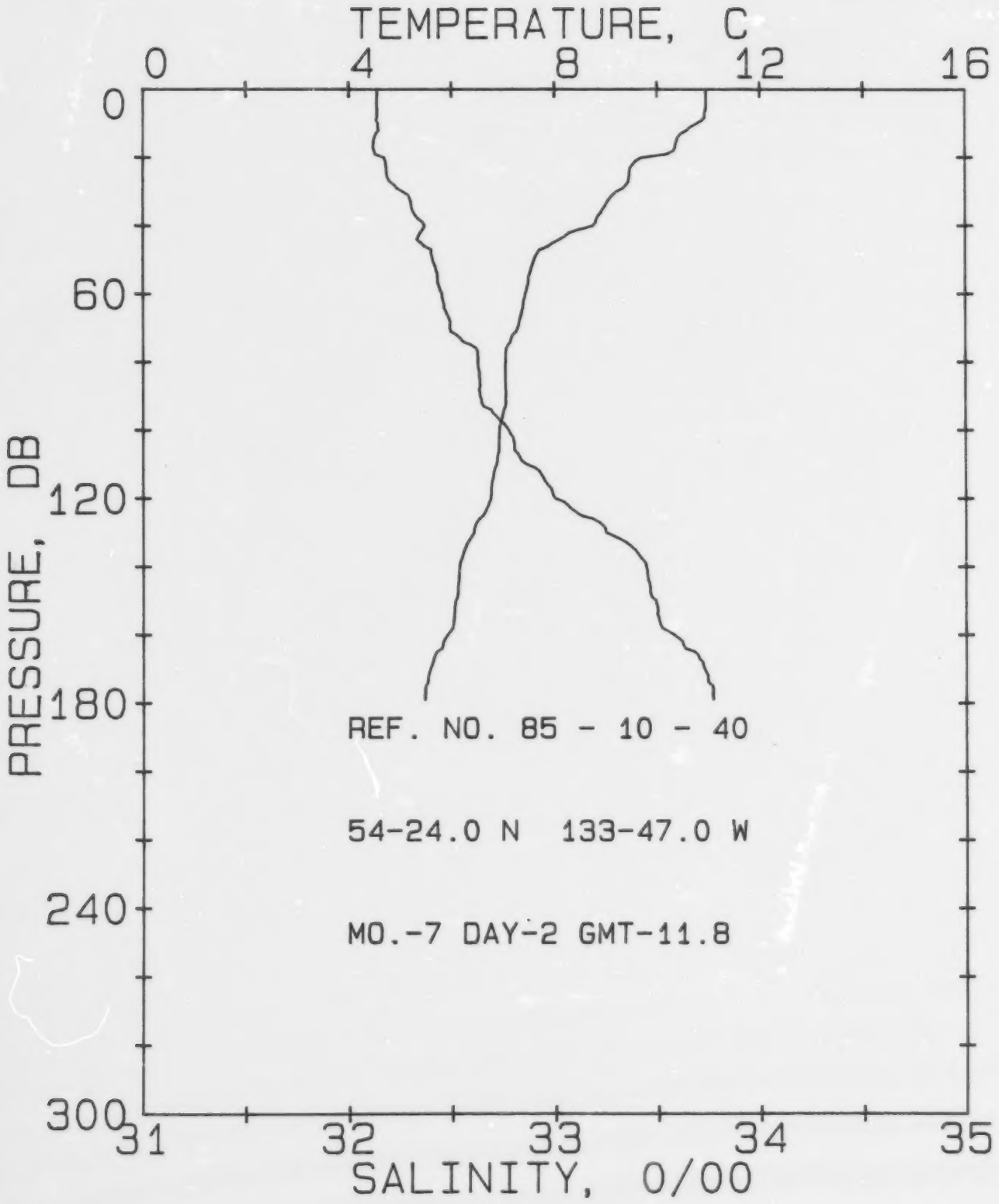
DEEPEST MEASUREMENT:

402	5.05	33.89	399	26.82	128.4	7.22	12.24	1476.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 39
54-19.0 N 133-38.5 W
MO.-7 DAY-2 GMT-10.2
31
32
33
34
35
SALINITY, 0/00

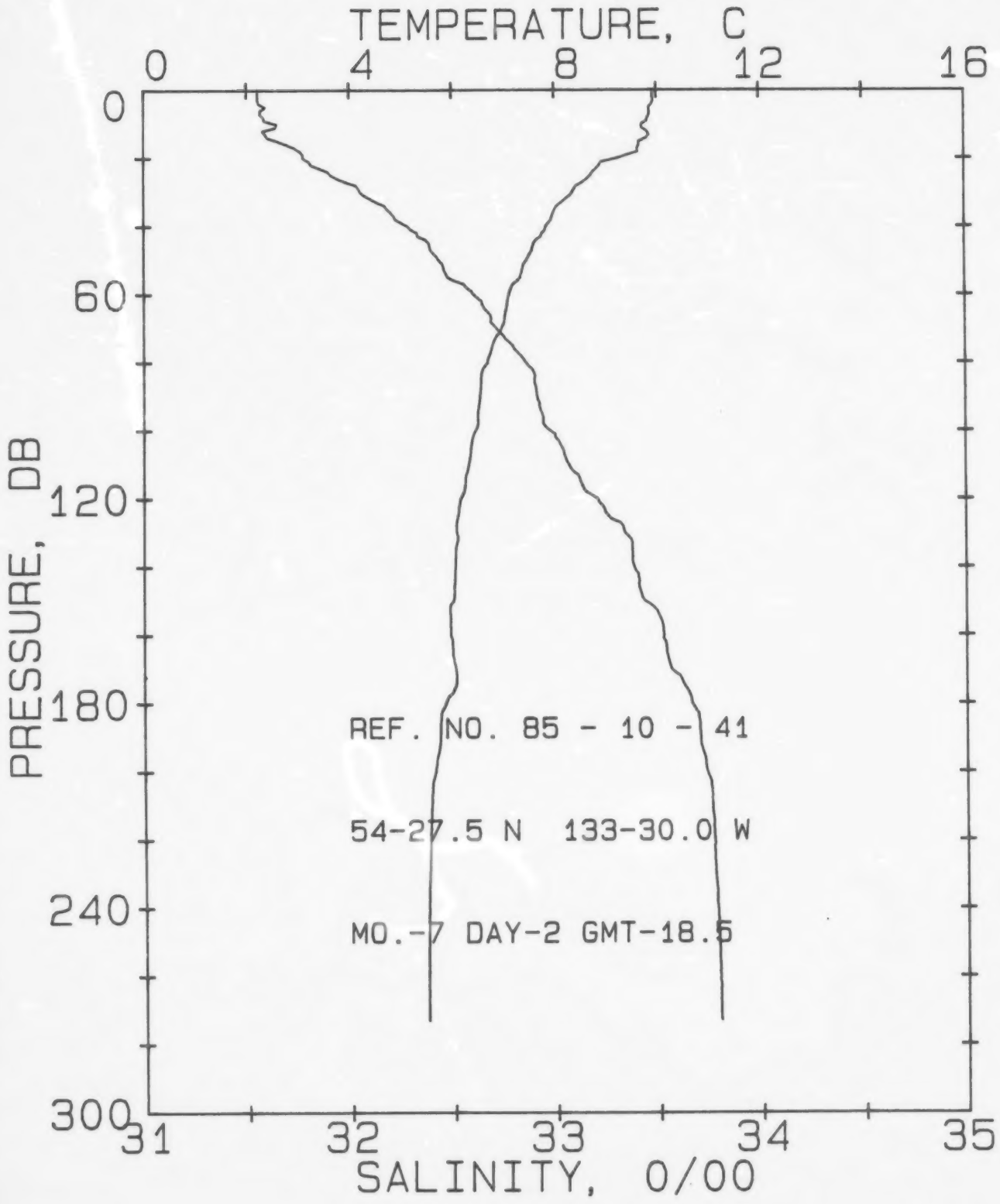
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 39 DATE 2/ 7/85
POSITION 54-19.0N, 133-38.5W GMT 10.2 STATION Q 33
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.77	32.14	0	24.43	350.6	.00	.00	1493.
10	10.64	32.15	10	24.65	330.5	.35	.02	1489.
20	9.79	32.20	20	24.82	313.9	.67	.07	1486.
30	9.62	32.22	30	24.87	309.3	.98	.15	1486.
50	7.97	32.43	50	25.29	270.0	1.55	.38	1480.
75	6.98	32.67	75	25.61	239.6	2.18	.78	1477.
100	6.60	33.02	99	25.94	208.8	2.75	1.28	1477.
125	6.27	33.40	124	26.28	176.9	3.22	1.82	1476.
150	6.15	33.48	149	26.35	169.8	3.65	2.42	1476.
175	5.92	33.63	174	26.51	155.7	4.06	3.10	1476.
200	5.74	33.72	199	26.59	147.5	4.44	3.82	1476.
225	5.56	33.78	223	26.66	141.3	4.80	4.61	1475.
250	5.48	33.79	248	26.69	139.2	5.15	5.45	1475.
DEEPEST MEASUREMENT:								
252	5.48	33.79	250	26.69	139.3	5.18	5.52	1475.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 40
54-24.0 N 133-47.0 W
MO.-7 DAY-2 GMT-11.8
31
32
33
34
35
SALINITY, 0/00

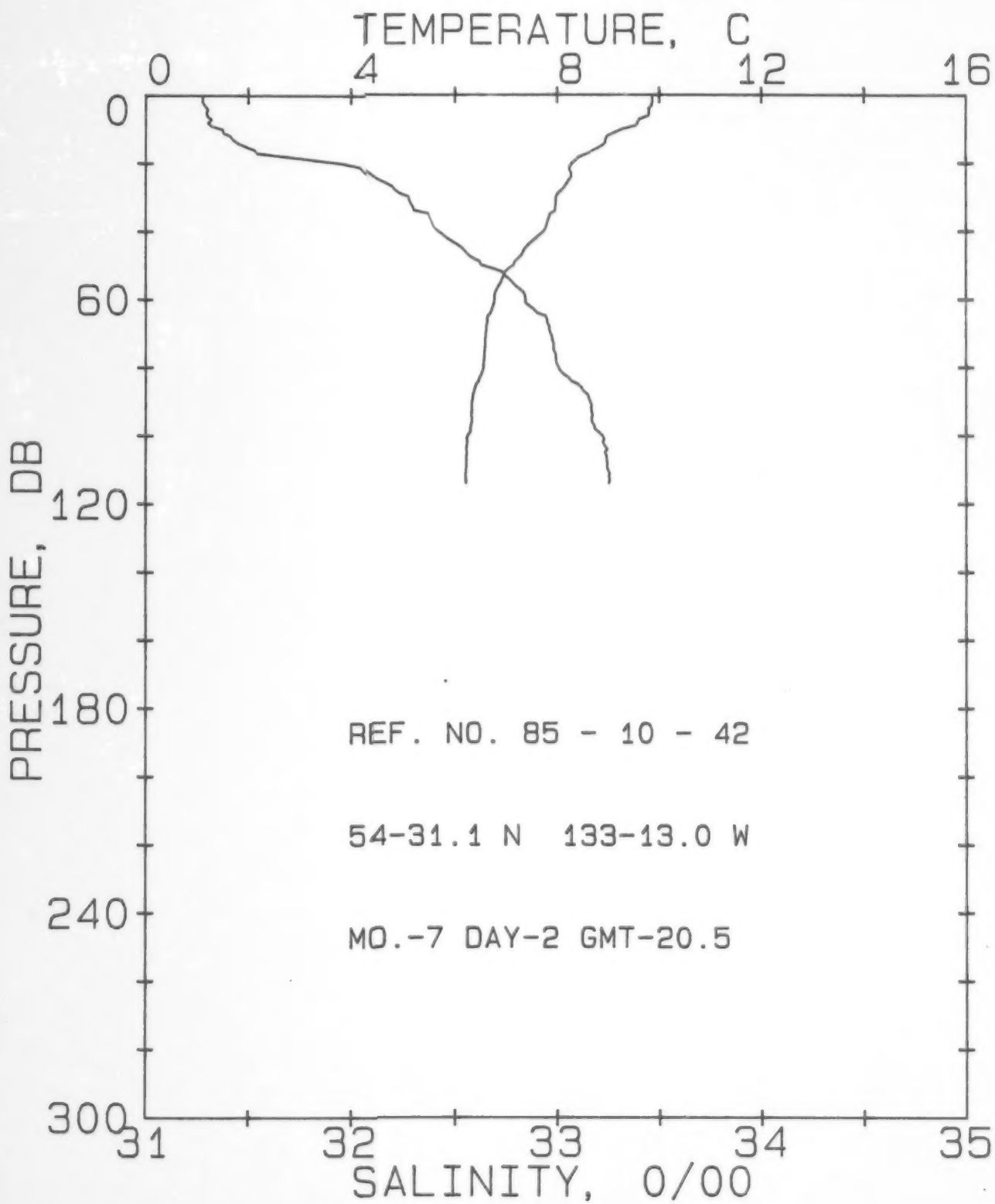
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 40 DATE 2/ 7/85
POSITION 54-24.0N, 133-47.0W GMT 11.8 STATION Q 34
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.96	32.14	0	24.58	336.6	.00	.00	1490.
10	10.78	32.14	10	24.62	333.5	.34	.02	1490.
20	9.70	32.17	20	24.82	314.2	.66	.07	1486.
30	9.21	32.26	30	24.97	300.1	.97	.15	1484.
50	7.60	32.41	50	25.32	266.7	1.54	.38	1479.
75	7.09	32.59	75	25.54	246.5	2.19	.79	1477.
100	6.92	32.78	99	25.70	231.0	2.79	1.33	1477.
125	6.60	33.12	124	26.02	201.4	3.34	1.95	1477.
150	6.06	33.49	149	26.38	167.6	3.79	2.57	1476.
175	5.47	33.77	174	26.67	140.3	4.17	3.22	1474.
DEEPEST MEASUREMENT:								
179	5.46	33.77	178	26.67	139.9	4.23	3.32	1474.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 41
54-27.5 N 133-30.0 W
MO.-7 DAY-2 GMT-18.5
31
32
33
34
35
SALINITY, 0/00

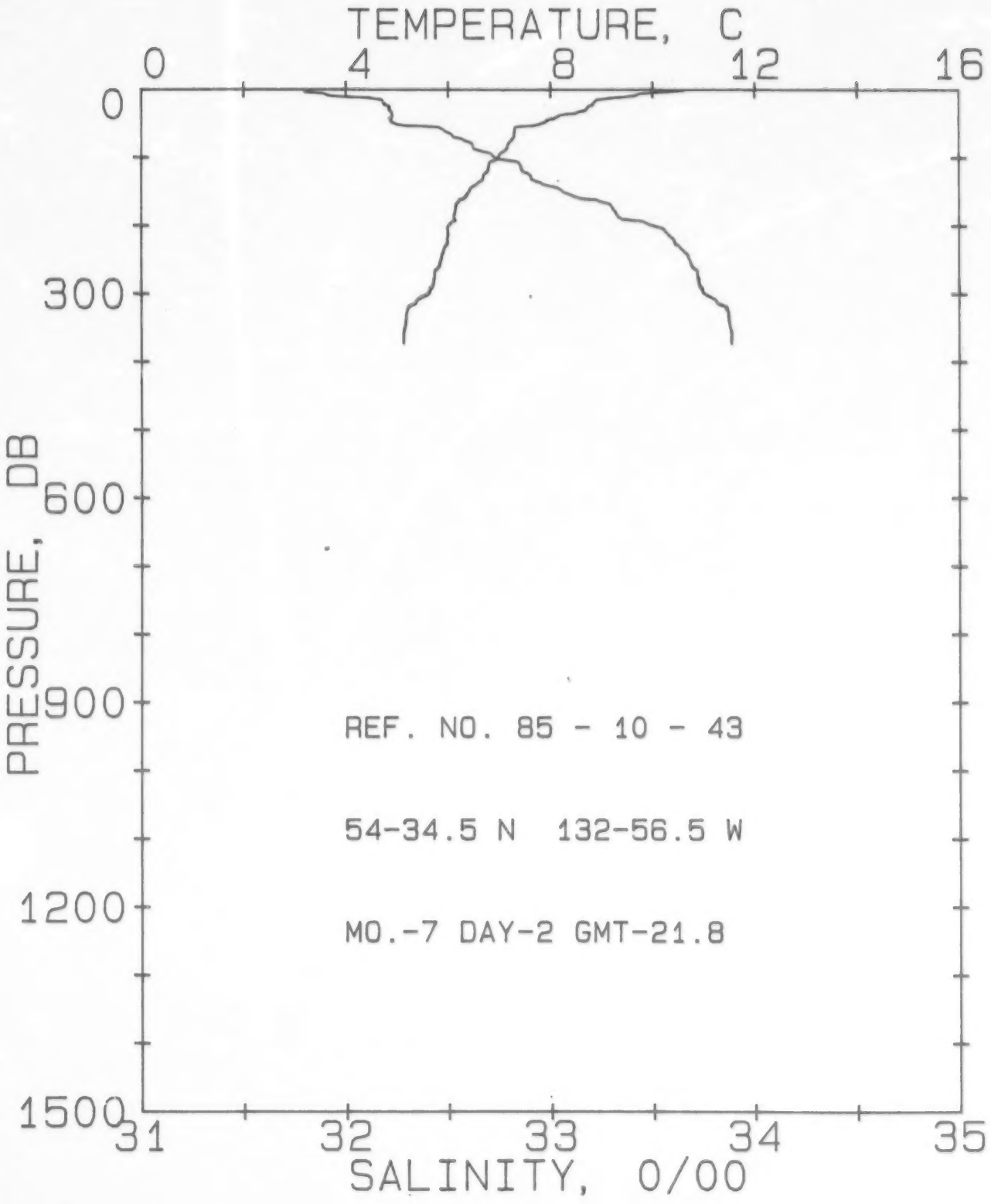
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 41 DATE 2/ 7/85
POSITION 54-27.5N, 133-30.0W GMT 18.5 STATION G 35
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	9.93	31.56	0	24.30	363.0	.00	.00	1486.
10	9.71	31.65	10	24.41	352.9	.36	.02	1485.
20	9.23	31.78	20	24.59	336.3	.71	.07	1484.
30	8.36	32.06	30	24.94	303.1	1.03	.15	1481.
50	7.45	32.44	50	25.37	262.6	1.59	.38	1478.
75	6.79	32.79	75	25.74	227.7	2.20	.77	1477.
100	6.45	32.97	99	25.92	210.3	2.74	1.25	1476.
125	6.10	33.26	124	26.19	185.3	3.24	1.82	1475.
150	6.00	33.43	149	26.34	171.3	3.68	2.43	1475.
175	6.04	33.63	174	26.49	157.7	4.09	3.11	1476.
200	5.63	33.73	199	26.62	145.0	4.46	3.82	1475.
225	5.52	33.77	223	26.66	141.5	4.82	4.59	1475.
250	5.48	33.79	248	26.68	139.9	5.17	5.44	1475.
DEEPEST MEASUREMENT:								
273	5.48	33.80	271	26.69	139.3	5.49	6.30	1476.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 42
54-31.1 N 133-13.0 W
MO.-7 DAY-2 GMT-20.5
31
32
33
34
35
SALINITY, 0/00

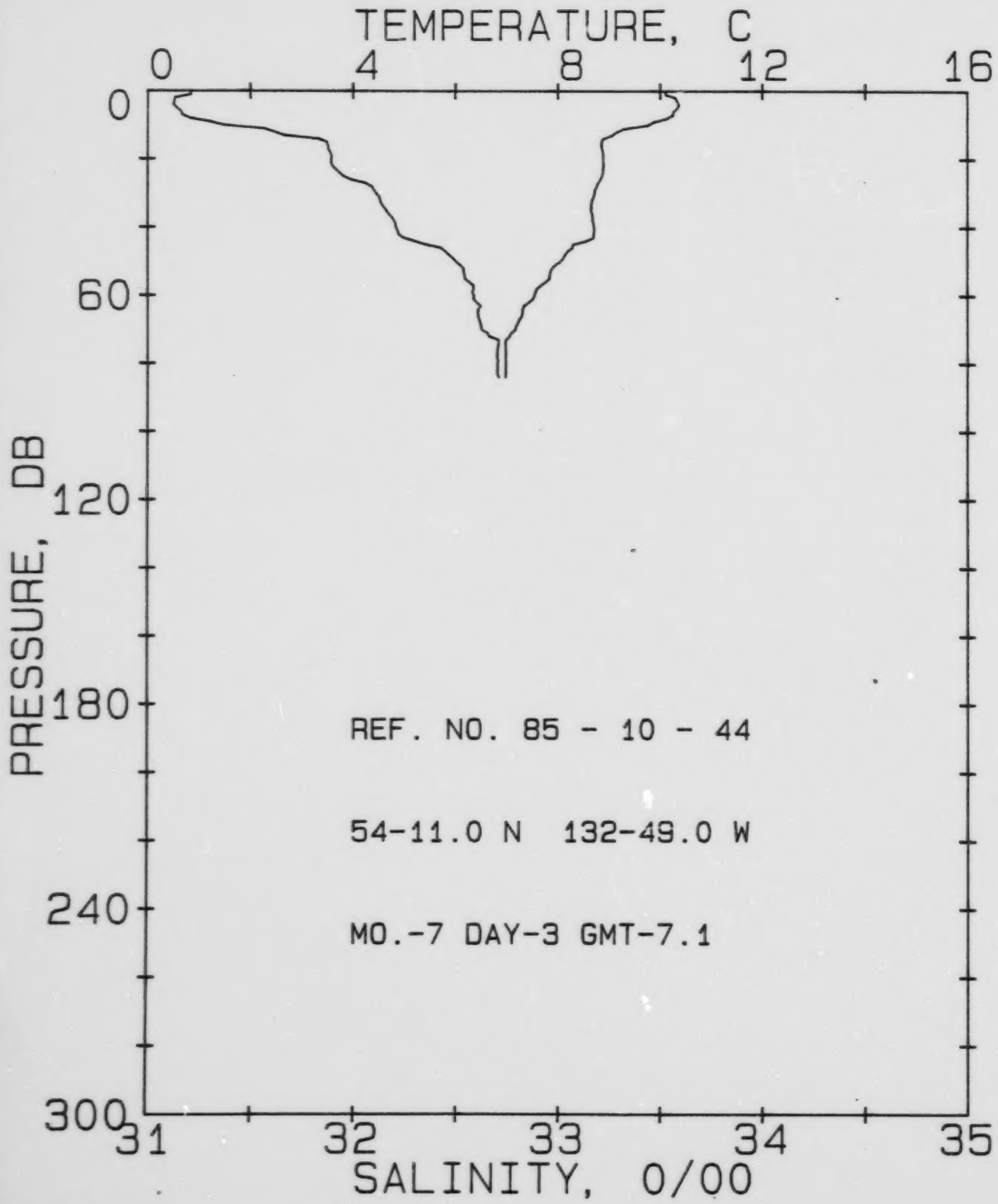
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 42 DATE 2/ 7/85
POSITION 54-31.1N, 133-13.0W GMT 20.5 STATION Q 36
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	9.87	31.28	0	24.10	382.6	.00	.00	1485.
10	9.28	31.38	10	24.27	366.4	.38	.02	1483.
20	8.29	31.96	20	24.87	309.0	.73	.07	1480.
30	7.97	32.27	30	25.16	281.6	1.02	.15	1480.
50	7.15	32.63	50	25.56	244.4	1.55	.36	1477.
75	6.58	32.98	75	25.91	211.1	2.10	.71	1476.
100	6.24	33.22	99	26.14	189.5	2.60	1.16	1475.
DEEPEST MEASUREMENT:								
114	6.21	33.25	113	26.17	187.0	2.87	1.44	1475.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 43
54-34.5 N 132-56.5 W
MO.-7 DAY-2 GMT-21.8
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 43 DATE 2/ 7/85
POSITION 54-34.5N, 132-56.5W GMT 21.8 STATION Q 37
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.61	31.80	0	24.38	355.8	.00	.00	1489.
10	9.53	31.96	10	24.68	327.3	.34	.02	1485.
20	8.83	32.19	20	24.97	299.5	.65	.06	1483.
30	8.69	32.21	30	25.01	296.2	.95	.14	1482.
50	7.80	32.24	50	25.16	281.7	1.52	.37	1479.
75	7.23	32.58	75	25.51	249.3	2.17	.78	1478.
100	6.97	32.73	99	25.66	235.2	2.78	1.32	1478.
125	6.70	32.90	124	25.83	219.5	3.34	1.97	1477.
150	6.40	33.06	149	26.00	203.8	3.87	2.71	1477.
175	6.14	33.31	174	26.22	182.8	4.35	3.51	1476.
200	6.01	33.51	199	26.40	166.3	4.79	4.35	1476.
225	5.99	33.61	223	26.48	158.9	5.20	5.23	1477.
250	5.86	33.68	248	26.55	152.2	5.58	6.16	1477.
300	5.61	33.75	298	26.64	144.4	6.33	8.24	1477.
DEEPEST MEASUREMENT:								
373	5.12	33.89	370	26.80	129.4	7.33	11.64	1476.

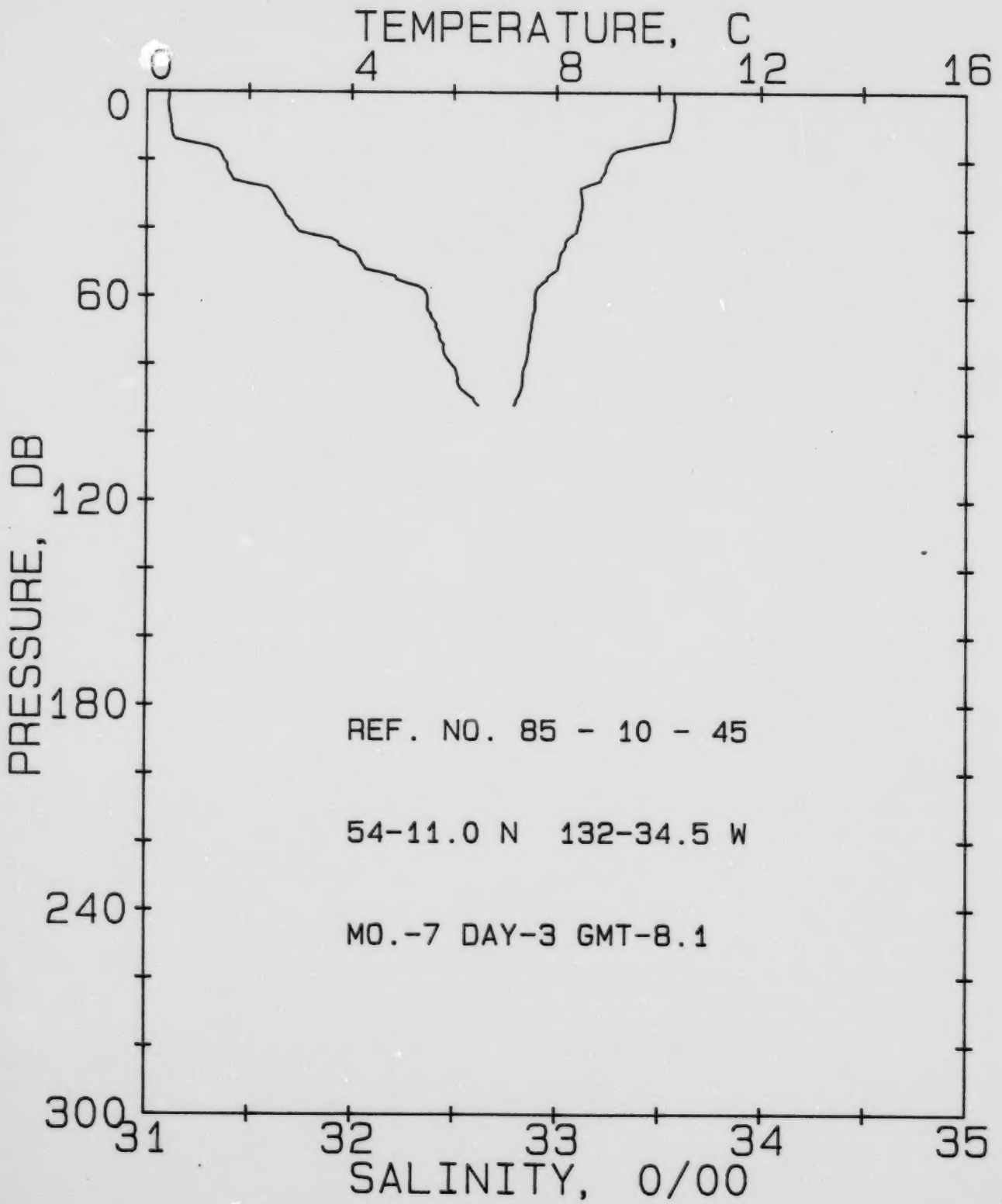

TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 44
54-11.0 N 132-49.0 W
MO.-7 DAY-3 GMT-7.1
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 44 DATE 3/ 7/85
POSITION 54-11.0N, 132-49.0W GMT 7.1 STATION Q139
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.11	31.21	0	24.01	391.4	.00	.00	1486.
10	9.76	31.37	10	24.19	374.4	.39	.02	1485.
20	8.88	31.90	20	24.73	322.4	.73	.07	1483.
30	8.72	32.11	30	24.93	303.9	1.04	.15	1482.
50	8.05	32.50	50	25.33	265.7	1.62	.39	1481.
75	6.98	32.71	75	25.64	236.7	2.25	.78	1477.

DEEPEST MEASUREMENT:

84	6.97	32.71	83	25.65	236.3	2.46	.96	1477.

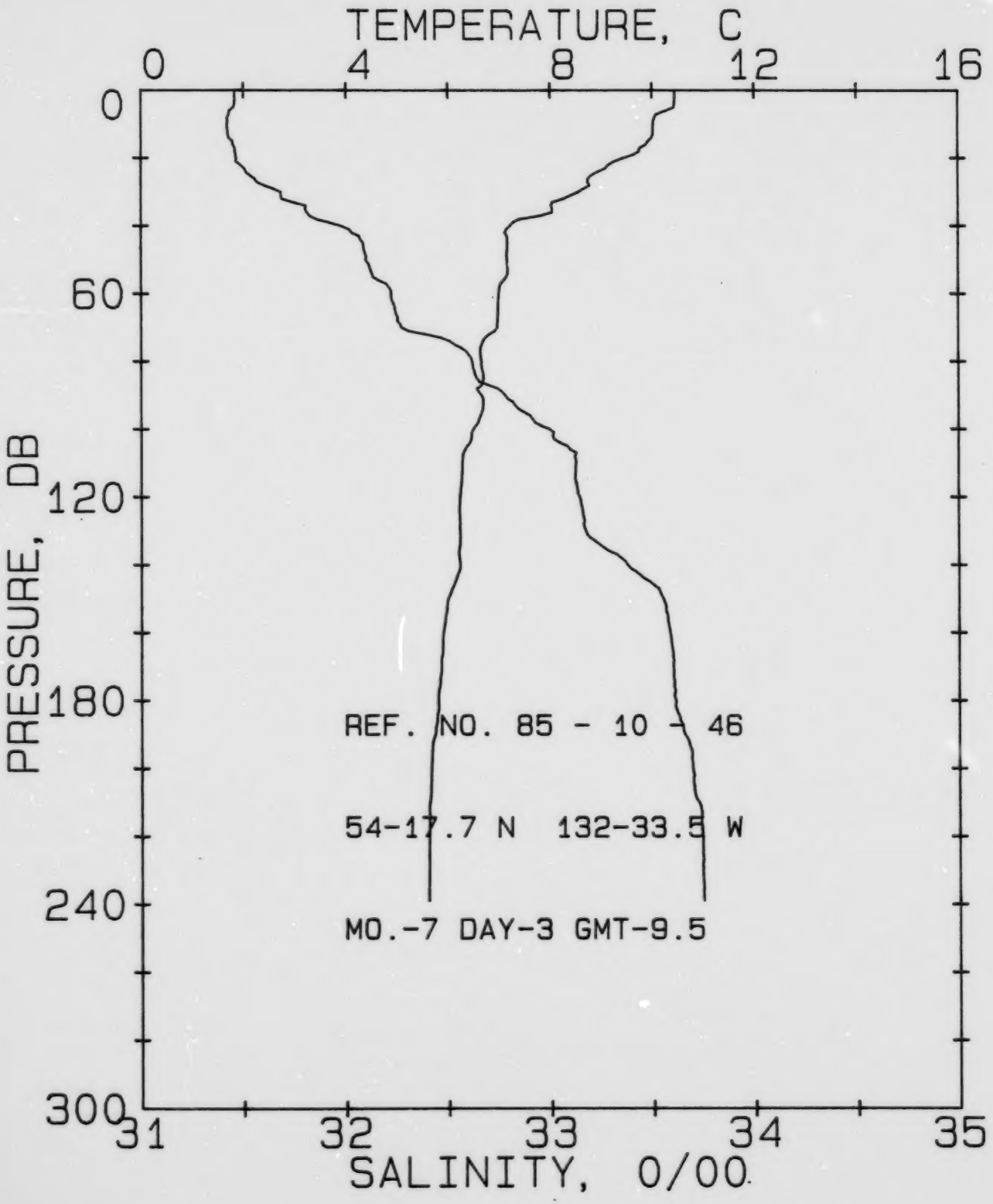

TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 45
54-11.0 N 132-34.5 W
MO.-7 DAY-3 GMT-8.1
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 45 DATE 3/ 7/85
POSITION 54-11.0N, 132-34.5W GMT 8.1 STATION Q 63
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.30	31.11	0	23.90	401.8	.00	.00	1487.
10	10.28	31.[illegible]	10	23.91	400.6	.40	.02	1487.
20	9.02	31.[illegible]	20	24.31	362.8	.79	.08	1482.
30	8.48	31.62	30	24.58	337.2	1.14	.17	1481.
50	8.05	32.05	50	24.97	299.8	1.78	.43	1480.
75	7.45	32.45	75	25.37	262.1	2.47	.86	1479.

DEEPEST MEASUREMENT:

92	7.18	32.62	91	25.55	246.0	2.90	1.23	1478.

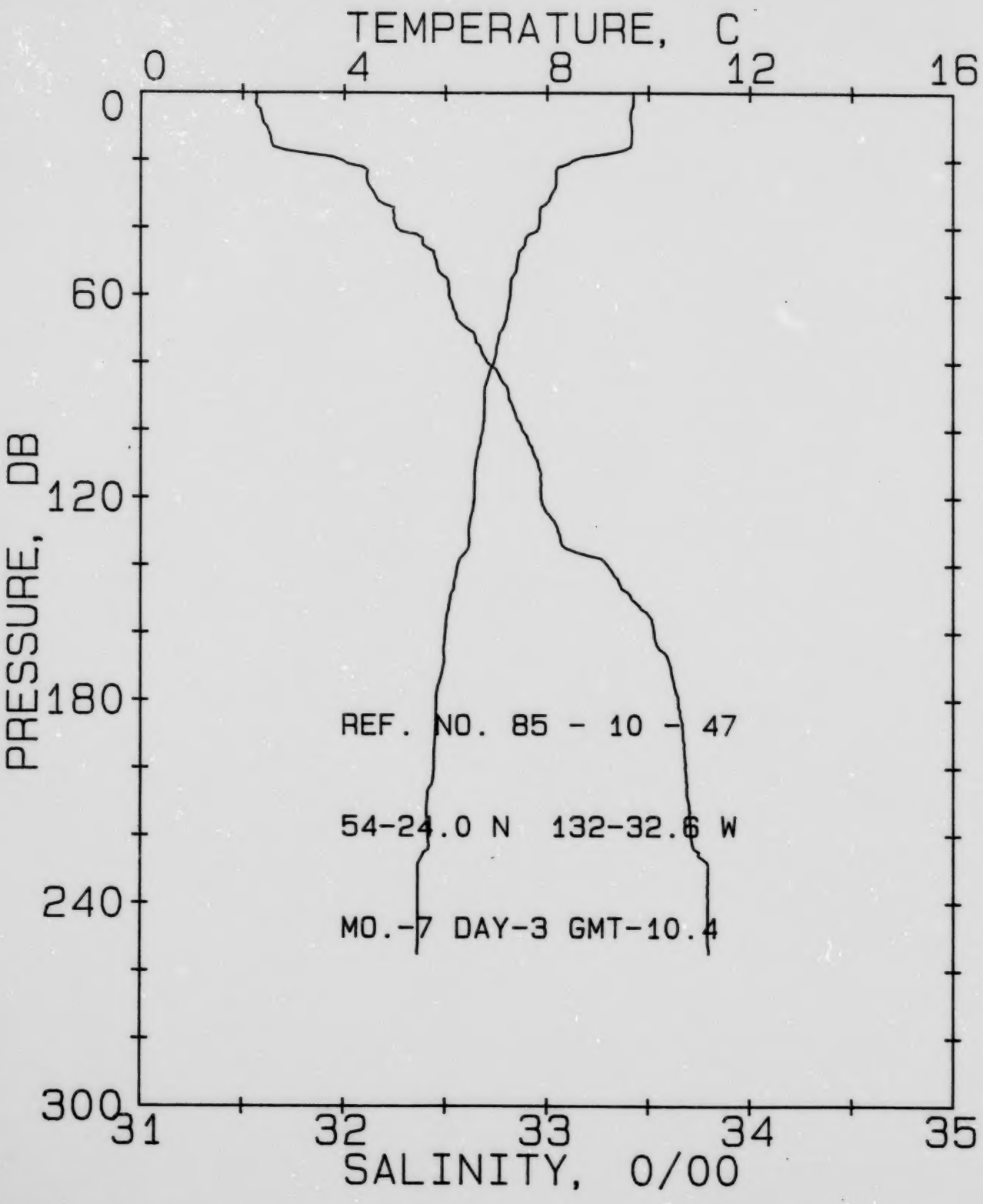

TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 46
54-17.7 N 132-33.5 W
MO.-7 DAY-3 GMT-9.5
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 46 DATE 3/ 7/85
POSITION 54-17.7N, 132-33.5W GMT 9.5 STATION Q 40
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.45	31.46	0	24.14	378.5	.00	.00	1488.
10	10.03	31.42	10	24.18	374.8	.38	.02	1486.
20	9.43	31.47	20	24.31	362.4	.75	.08	1484.
30	8.56	31.68	30	24.62	333.7	1.10	.16	1481.
50	7.16	32.10	50	25.14	284.2	1.70	.41	1477.
75	6.66	32.53	75	25.55	245.6	2.38	.84	1476.
100	6.50	33.00	99	25.93	209.3	2.95	1.35	1476.
125	6.22	33.16	124	26.10	194.0	3.45	1.92	1476.
150	6.00	33.55	149	26.43	162.2	3.90	2.55	1476.
175	5.83	33.61	174	26.50	156.6	4.30	3.21	1475.
200	5.66	33.70	199	26.59	148.1	4.68	3.93	1475.
225	5.61	33.74	223	26.63	144.3	5.05	4.72	1476.

DEEPEST MEASUREMENT:

239	5.61	33.75	237	26.63	144.1	5.25	5.20	1476.

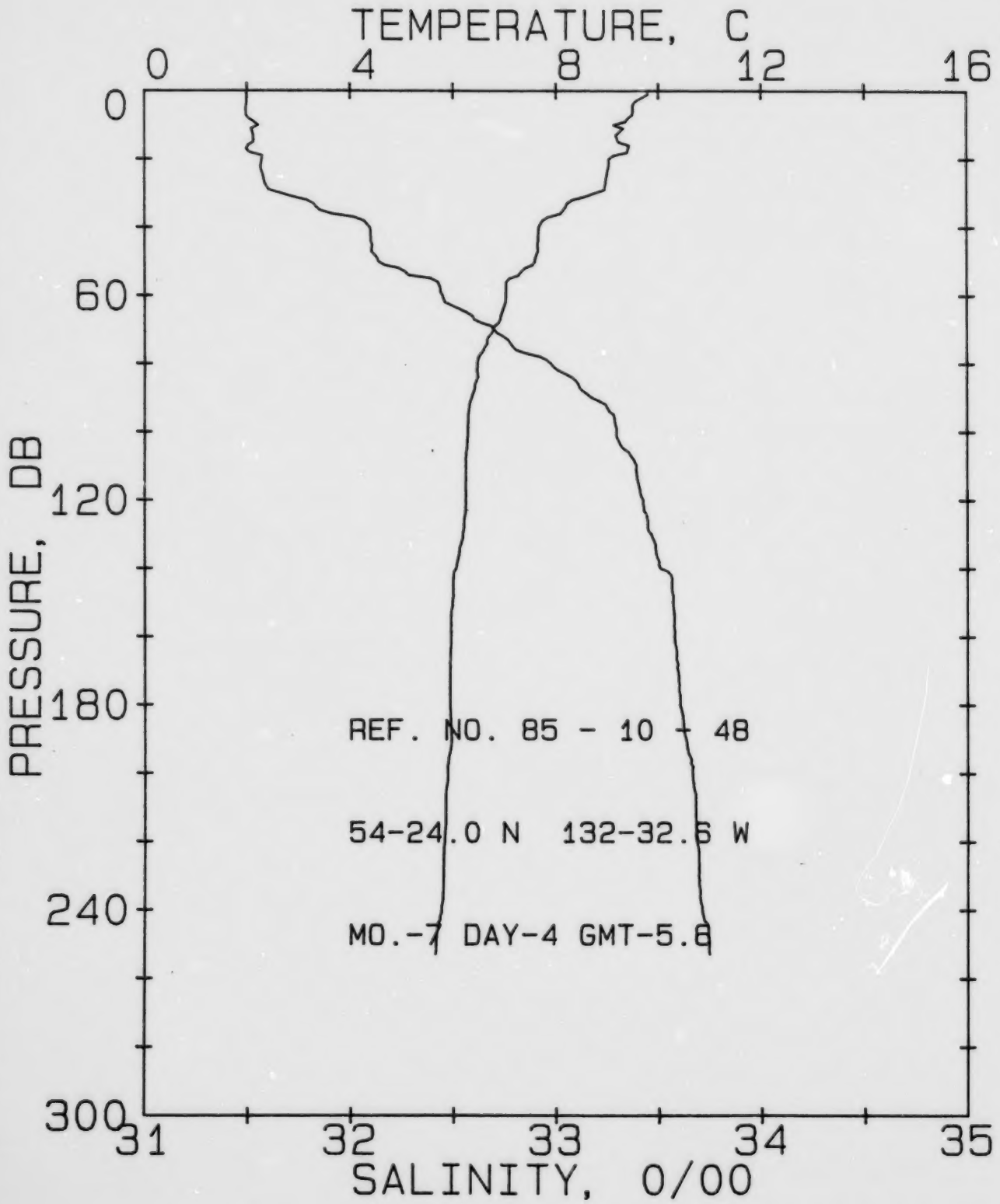

TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 47
54-24.0 N 132-32.6 W
MO.-7 DAY-3 GMT-10.4
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 47 DATE 3/ 7/85
POSITION 54-24.0N, 132-32.6W GMT 10.4 STATION Q 48
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	9.71	31.57	0	24.35	358.7	.00	.00	1485.
10	9.67	31.62	10	24.39	354.6	.36	.02	1485.
20	8.52	31.99	20	24.86	310.0	.70	.07	1481.
30	8.09	32.15	30	25.05	292.2	1.00	.15	1480.
50	7.42	32.46	50	25.39	260.6	1.55	.37	1478.
75	7.02	32.67	75	25.61	239.8	2.18	.77	1477.
100	6.75	32.88	99	25.81	221.2	2.75	1.28	1477.
125	6.53	33.01	124	25.94	208.9	3.29	1.89	1477.
150	6.11	33.42	149	26.31	173.8	3.77	2.56	1476.
175	5.88	33.63	174	26.50	155.8	4.18	3.24	1476.
200	5.79	33.68	199	26.56	150.8	4.56	3.96	1476.
225	5.58	33.75	223	26.64	143.4	4.93	4.77	1475.
250	5.47	33.79	248	26.69	139.3	5.28	5.61	1475.

DEEPEST MEASUREMENT:

255	5.45	33.80	253	26.69	138.6	5.35	5.79	1475.

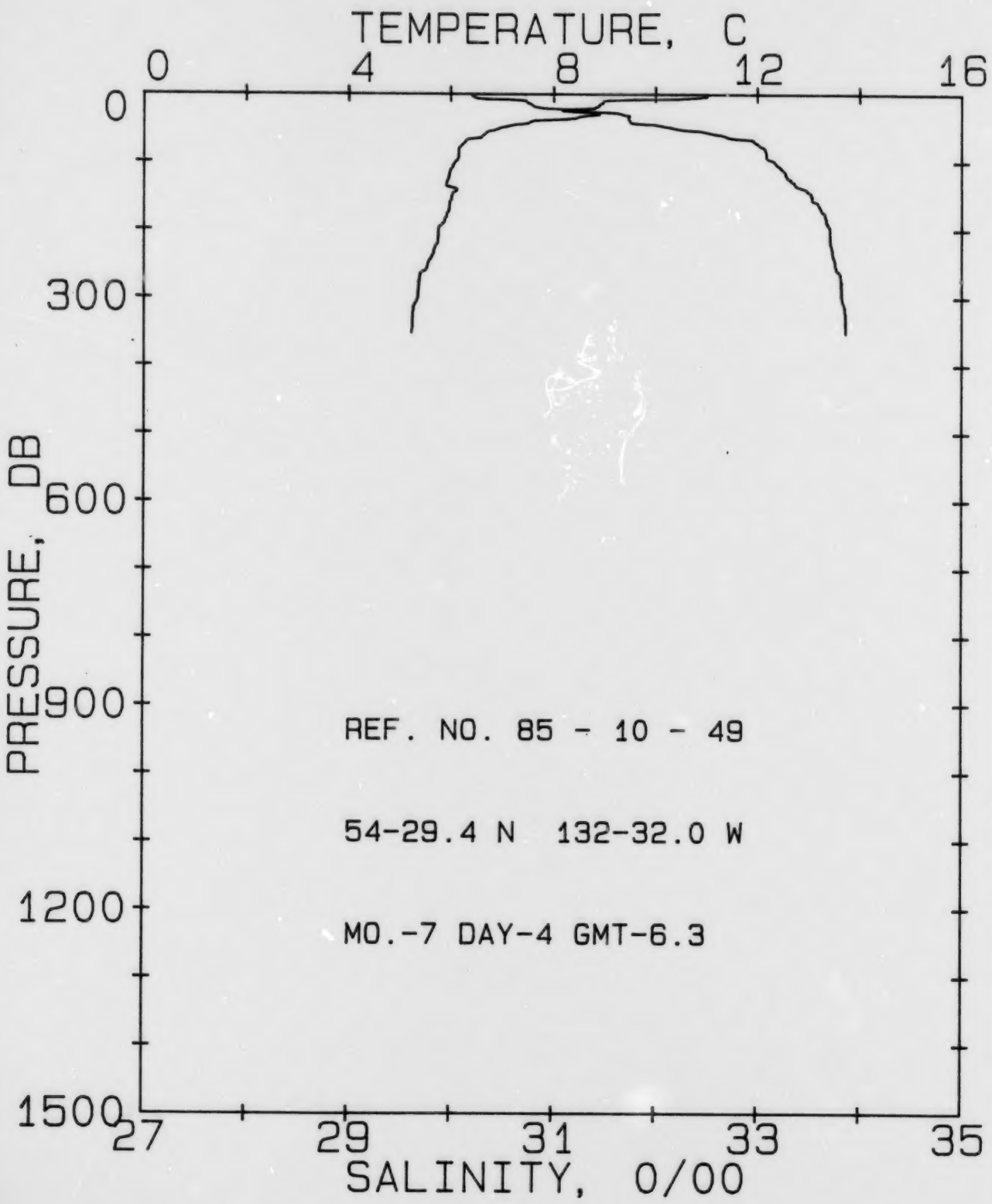

TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 48
54-24.0 N 132-32.6 W
MO.-7 DAY-4 GMT-5.6
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 48 DATE 4/ 7/85
POSITION 54-24.0N, 132-32.6W GMT 5.6 STATION Q 48
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	9.80	31.50	0	24.28	365.3	.00	.00	1485.
10	9.12	31.55	10	24.43	351.1	.36	.02	1483.
20	9.03	31.57	20	24.46	348.7	.72	.07	1483.
30	8.74	31.66	30	24.57	337.7	1.06	.16	1482.
50	7.59	32.14	50	25.11	286.9	1.66	.40	1478.
75	6.62	32.79	75	25.75	226.0	2.29	.80	1476.
100	6.28	33.29	99	26.19	184.7	2.79	1.24	1476.
125	6.21	33.44	124	26.32	173.1	3.24	1.75	1476.
150	5.99	33.57	149	26.45	161.1	3.65	2.34	1476.
175	5.93	33.60	174	26.48	158.4	4.05	3.00	1476.
200	5.89	33.66	199	26.53	153.3	4.44	3.74	1476.
225	5.80	33.69	223	26.57	150.4	4.82	4.56	1476.
250	5.65	33.74	248	26.63	145.1	5.19	5.46	1476.

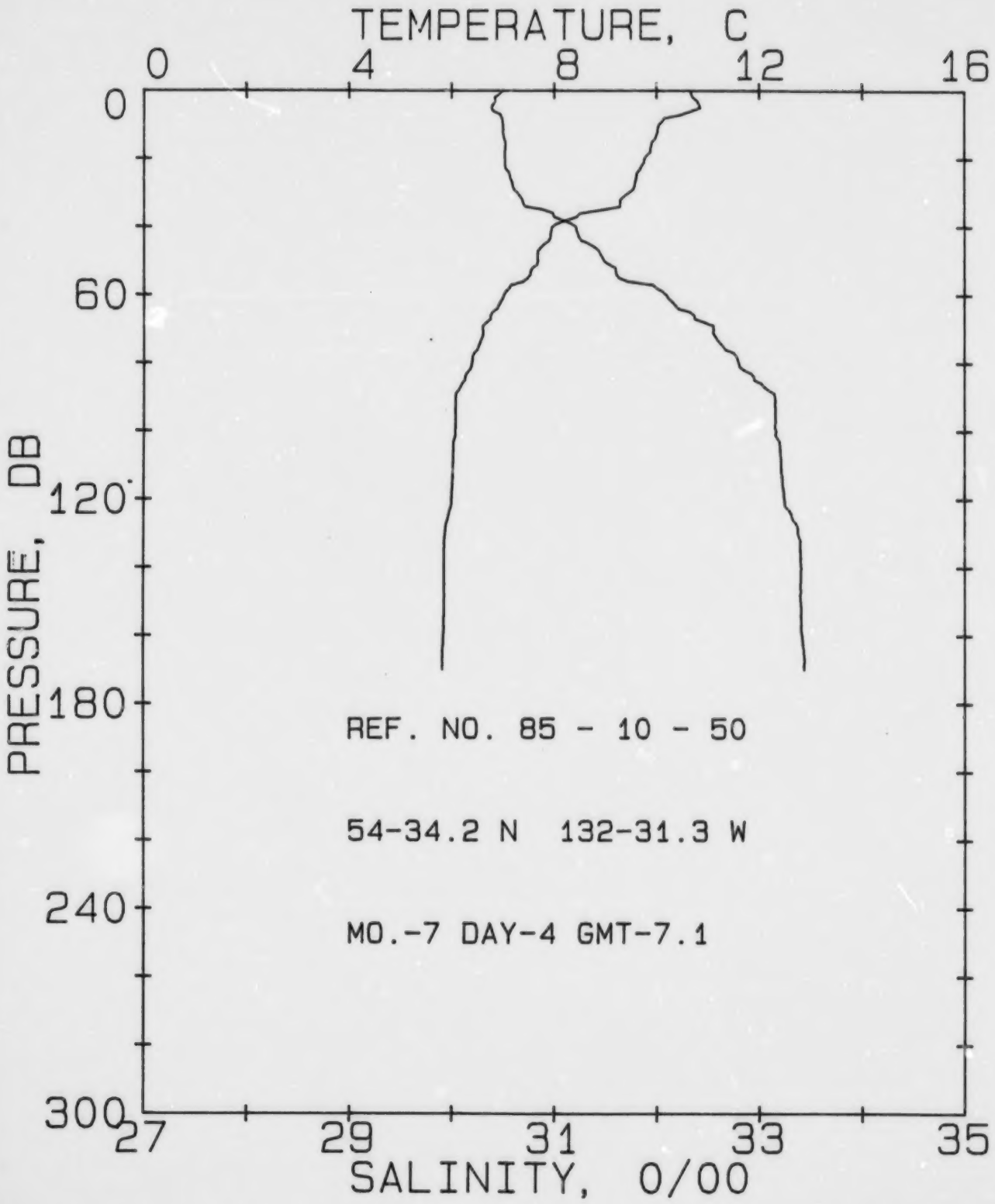
DEEPEST MEASUREMENT:

253	5.64	33.75	251	26.63	144.7	5.24	5.57	1476.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 49
54-29.4 N 132-32.0 W
MO.-7 DAY-4 GMT-6.3
27
29
31
33
35
SALINITY, 0/00

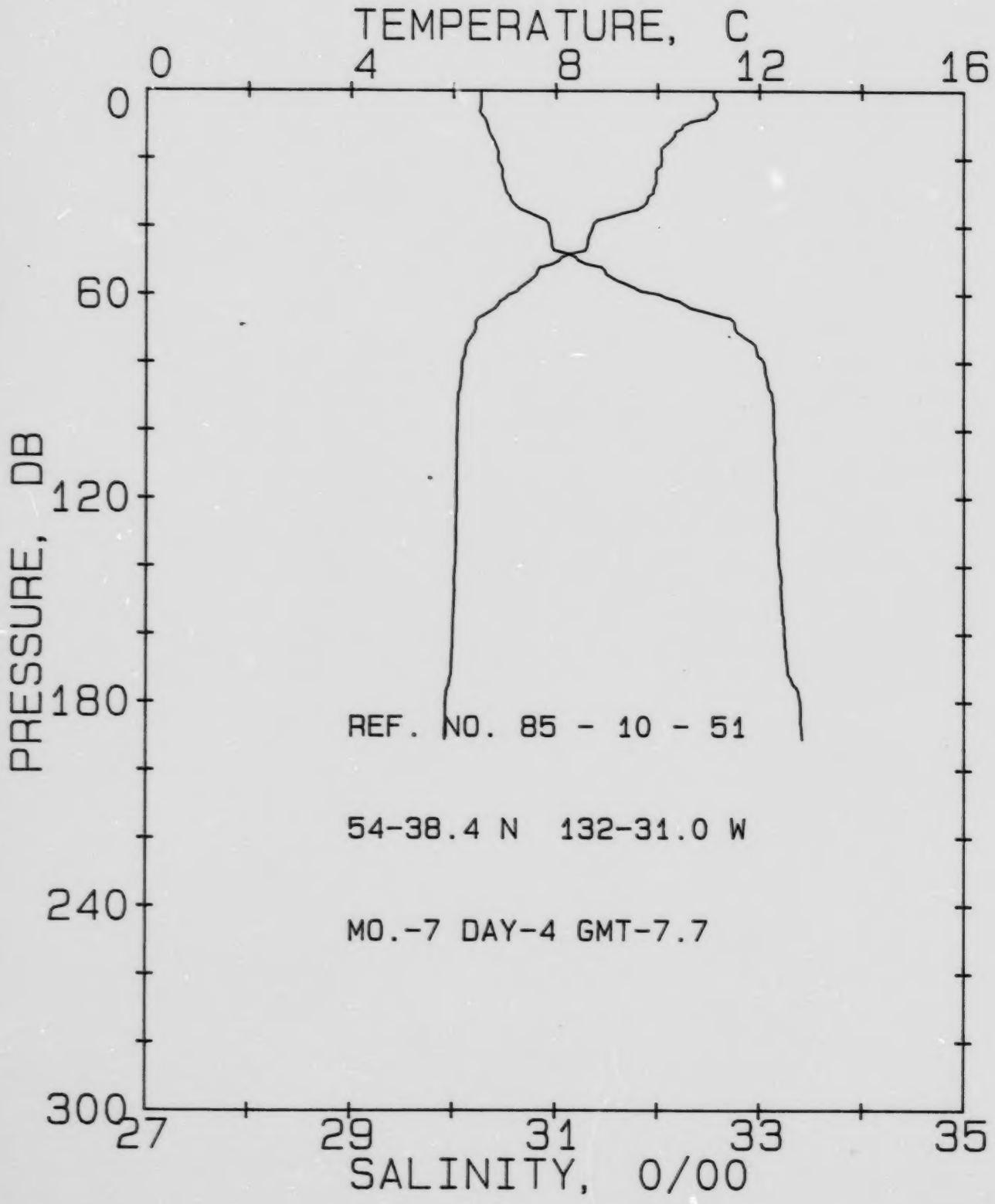
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 49 DATE 4/ 7/85
POSITION 54-29.4N, 132-32.0W GMT 6.3 STATION Q 47
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.01	30.21	0	23.08	479.7	.00	.00	1488.
10	8.97	30.73	10	23.81	410.0	.46	.02	1481.
20	8.81	30.88	20	23.95	397.1	.87	.08	1481.
30	8.89	31.68	30	24.56	339.1	1.23	.18	1483.
50	6.94	32.18	50	25.23	275.3	1.85	.43	1476.
75	6.22	33.02	75	25.99	203.8	2.43	.79	1475.
100	6.09	33.17	99	26.12	191.3	2.92	1.23	1475.
125	5.96	33.32	124	26.25	179.2	3.39	1.76	1475.
150	6.02	33.54	149	26.42	163.7	3.81	2.36	1476.
175	5.93	33.66	174	26.53	153.8	4.21	3.02	1476.
200	5.76	33.71	199	26.58	148.5	4.59	3.74	1476.
225	5.69	33.73	223	26.61	146.5	4.96	4.55	1476.
250	5.55	33.76	248	26.65	142.6	5.32	5.42	1476.
300	5.35	33.82	298	26.73	136.1	6.01	7.35	1476.
DEEPEST MEASUREMENT:								
352	5.23	33.86	349	26.77	132.2	6.71	9.66	1476.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 50
54-34.2 N 132-31.3 W
MO.-7 DAY-4 GMT-7.1
27
29
31
33
35
SALINITY, 0/00

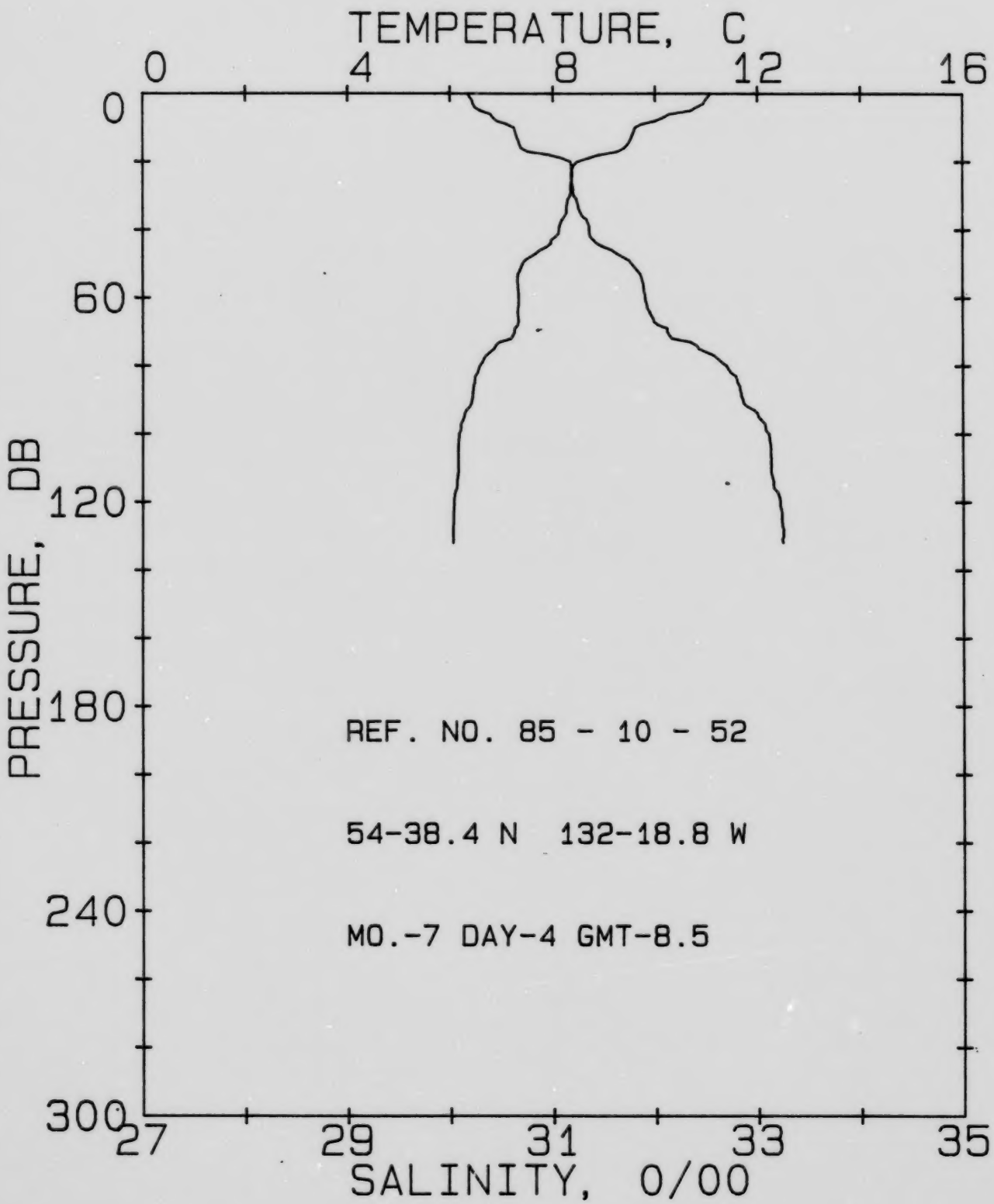
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 50 DATE 4/ 7/85
POSITION 54-34.2N, 132-31.3W GMT 7.1 STATION Q 46
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.66	30.50	0	23.36	452.7	.00	.00	1487.
10	10.04	30.50	10	23.46	443.2	.46	.02	1485.
20	9.76	30.52	20	23.53	437.5	.90	.09	1484.
30	9.45	30.64	30	23.67	423.9	1.33	.20	1483.
50	7.68	31.49	50	24.59	336.3	2.07	.50	1478.
75	6.53	32.65	75	25.65	235.3	2.77	.94	1475.
100	6.06	33.17	99	26.12	191.2	3.28	1.39	1475.
125	5.93	33.32	124	26.26	178.8	3.75	1.93	1475.
150	5.85	33.40	149	26.33	171.6	4.18	2.53	1475.
DEEPEST MEASUREMENT:								
170	5.81	33.44	169	26.37	168.6	4.52	3.09	1475.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 51
54-38.4 N 132-31.0 W
MO.-7 DAY-4 GMT-7.7
27
29
31
33
35
SALINITY, 0/00

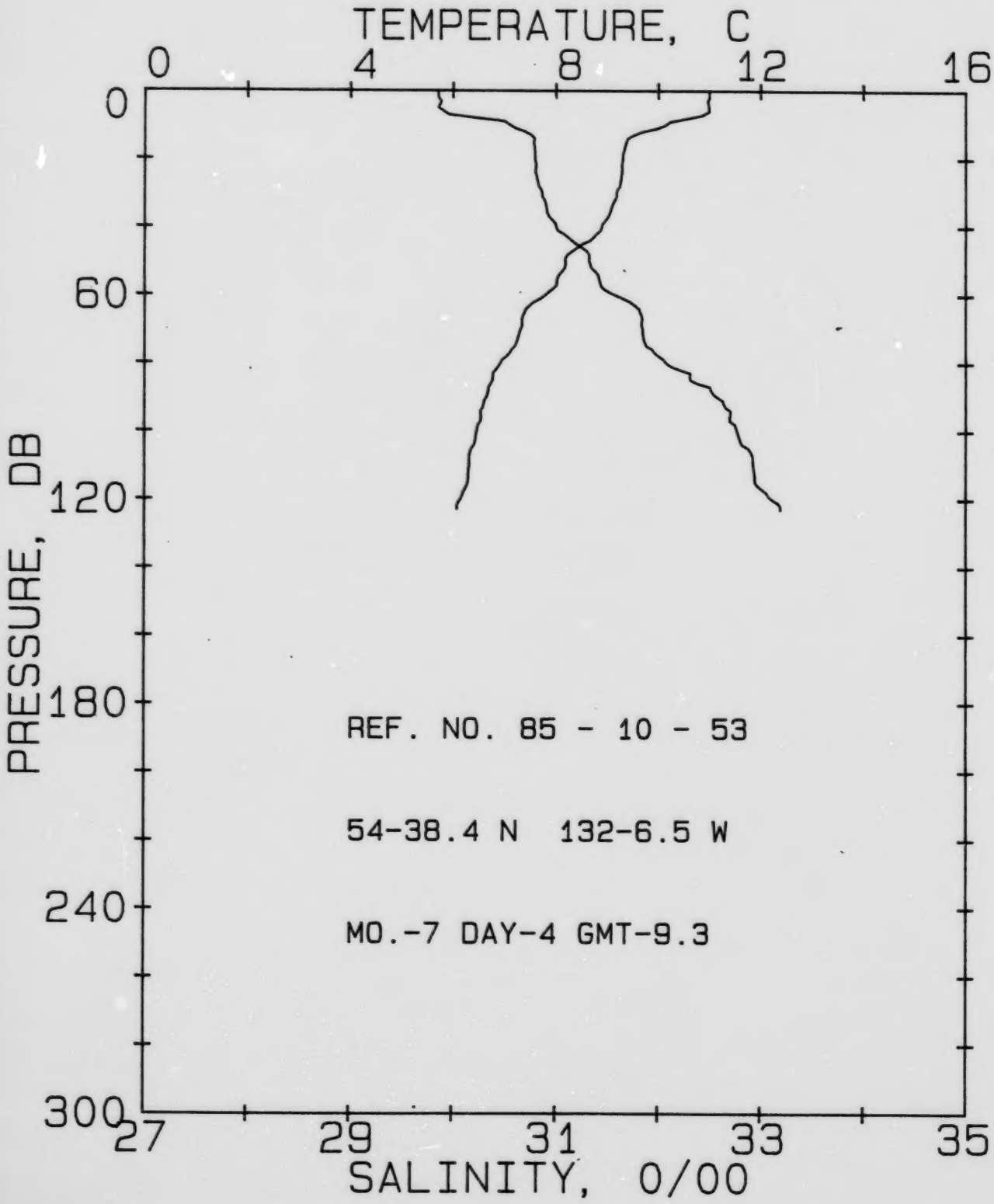
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 51 DATE 4/ 7/85
POSITION 54-38.4N, 132-31.0W GMT 7.7 STATION Q 53
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.11	30.27	0	23.11	477.1	.00	.00	1488.
10	10.51	30.33	10	23.26	463.2	.48	.02	1486.
20	10.08	30.44	20	23.41	448.8	.93	.09	1485.
30	9.92	30.52	30	23.50	440.0	1.37	.21	1485.
50	8.06	31.22	50	24.33	361.2	2.17	.53	1479.
75	6.25	32.96	75	25.94	208.5	2.86	.96	1475.
100	6.08	33.14	99	26.10	193.2	3.36	1.40	1475.
125	6.05	33.17	124	26.13	190.9	3.84	1.95	1475.
150	6.01	33.22	149	26.17	187.3	4.31	2.61	1475.
175	5.91	33.33	174	26.27	177.9	4.77	3.38	1475.
DEEPEST MEASUREMENT:								
191	5.83	33.42	190	26.35	170.5	5.05	3.90	1475.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 52
54-38.4 N 132-18.8 W
MO.-7 DAY-4 GMT-8.5
27
29
31
33
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 52 DATE 4/ 7/85
POSITION 54-38.4N, 132-18.8W GMT 8.5 STATION Q 54
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.09	30.17	0	23.04	483.9	.00	.00	1488.
10	9.61	30.62	10	23.63	427.4	.46	.02	1484.
20	8.48	31.17	20	24.23	370.4	.87	.09	1480.
30	8.34	31.21	30	24.28	366.1	1.24	.18	1480.
50	7.41	31.78	50	24.85	311.4	1.94	.46	1477.
75	6.85	32.43	75	25.44	255.9	2.67	.93	1476.
100	6.17	33.11	99	26.06	196.7	3.22	1.41	1475.
125	6.06	33.23	124	26.17	186.6	3.70	1.97	1475.
DEEPEST MEASUREMENT:								
132	6.05	33.24	131	26.18	185.9	3.83	2.14	1475.

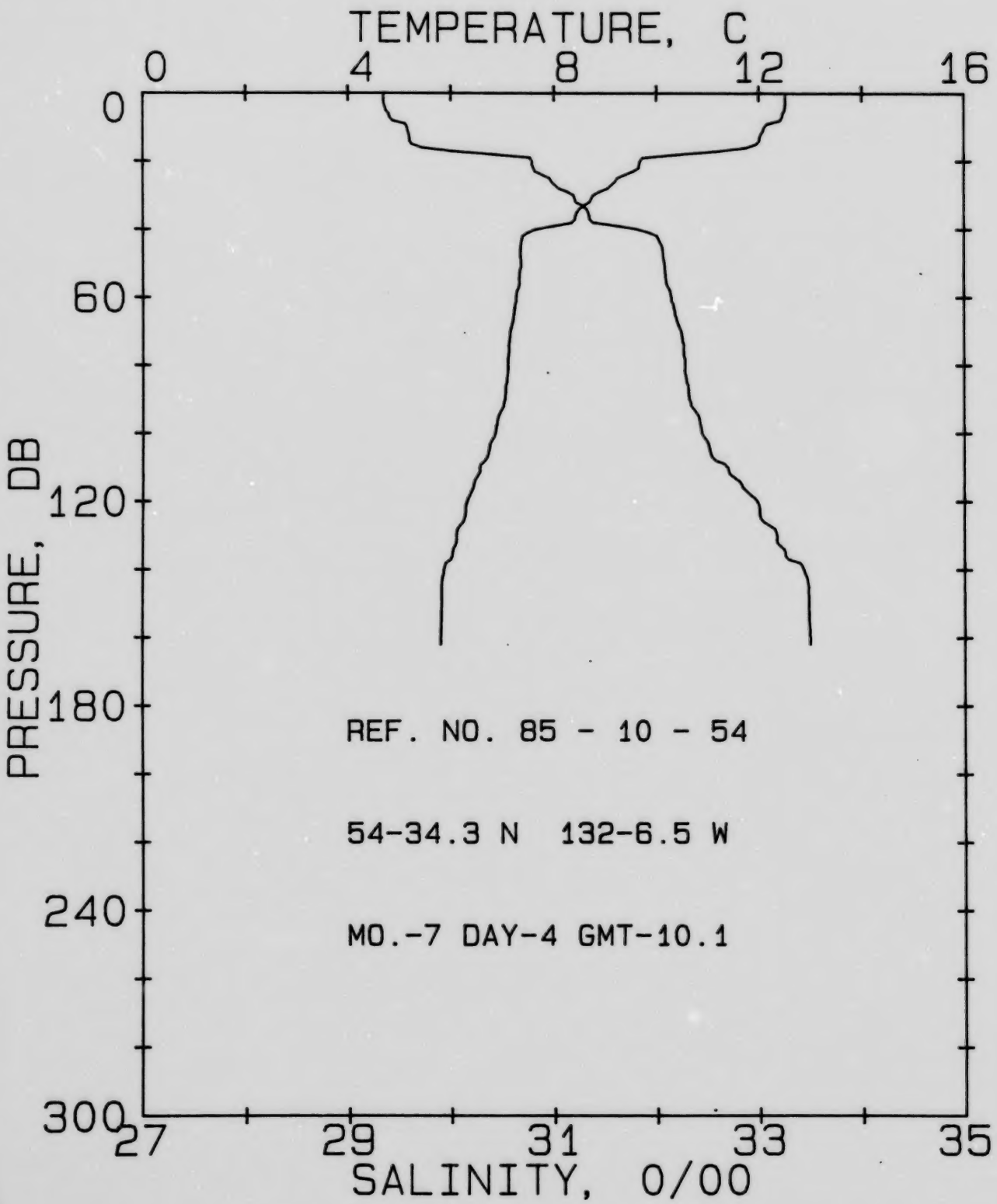

TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 53
54-38.4 N 132-6.5 W
MO.-7 DAY-4 GMT-9.3
27
29
31
33
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 53 DATE 4/ 7/85
POSITION 54-38.4N, 132- 6.5W GMT 9.3 STATION Q 55
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.00	29.86	0	22.81	505.9	.00	.00	1487.
10	10.15	30.55	10	23.49	440.9	.49	.02	1485.
20	9.31	30.80	20	23.81	410.2	.91	.09	1483.
30	9.18	30.87	30	23.89	403.3	1.32	.19	1483.
50	8.18	31.33	50	24.39	355.3	2.08	.50	1480.
75	7.21	31.89	75	24.97	300.9	2.89	1.01	1477.
100	6.47	32.77	99	25.76	225.7	3.53	1.58	1476.
125	6.08	33.19	124	26.14	189.7	4.05	2.17	1475.

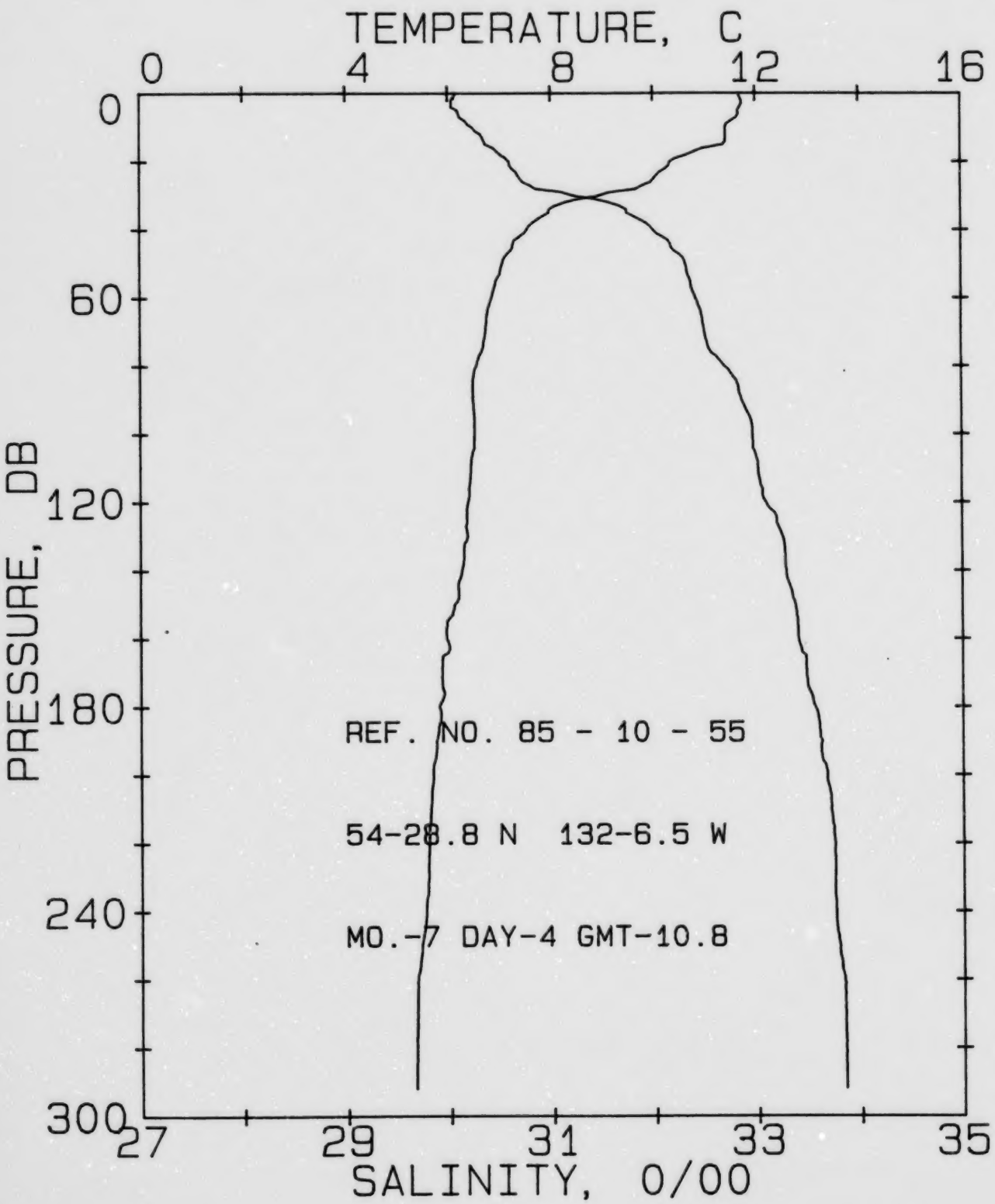
DEEPEST MEASUREMENT:

123	6.08	33.19	122	26.14	189.7	4.01	2.12	1475.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 54
54-34.3 N 132-6.5 W
MO.-7 DAY-4 GMT-10.1
27
29
31
33
35
SALINITY, 0/00

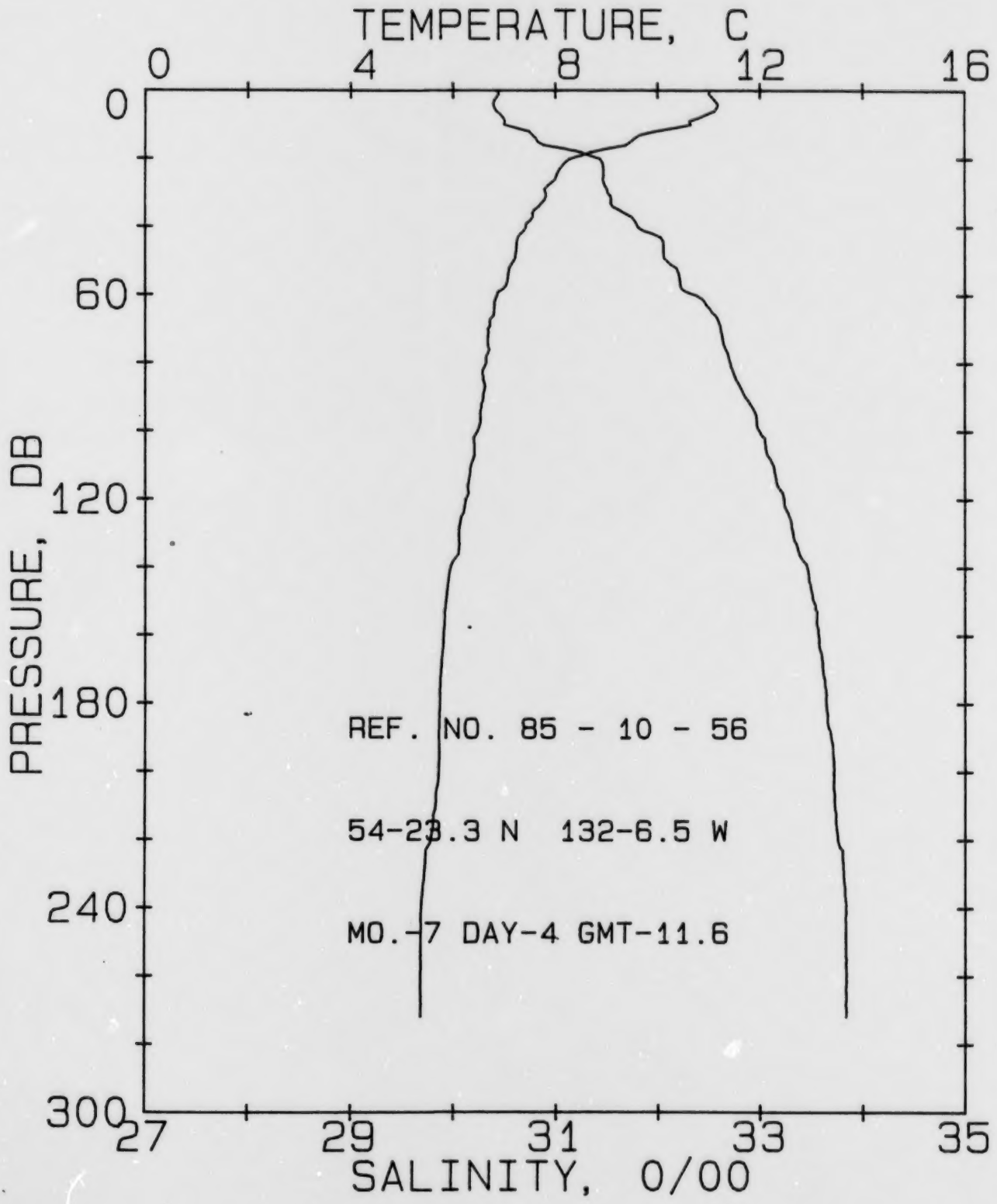
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 54 DATE 4/ 7/85
POSITION 54-34.3N, 132- 6.5W GMT 10.1 STATION Q 56
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.52	29.35	0	22.14	569.2	.00	.00	1492.
10	12.12	29.58	10	22.40	545.4	.56	.03	1491.
20	9.69	30.79	20	23.75	416.5	1.07	.11	1484.
30	8.77	31.20	30	24.20	372.9	1.47	.21	1481.
50	7.37	32.08	50	25.10	288.0	2.12	.47	1477.
75	7.13	32.27	75	25.28	271.4	2.82	.91	1477.
100	6.86	32.45	99	25.45	254.6	3.48	1.50	1477.
125	6.25	33.02	124	25.98	204.8	4.05	2.15	1476.
150	5.80	33.49	149	26.40	164.9	4.50	2.78	1475.
DEEPEST MEASUREMENT:								
162	5.78	33.50	161	26.42	163.9	4.70	3.09	1475.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 55
54-28.8 N 132-6.5 W
MO.-7 DAY-4 GMT-10.8
27
29
31
33
35
SALINITY, 0/00

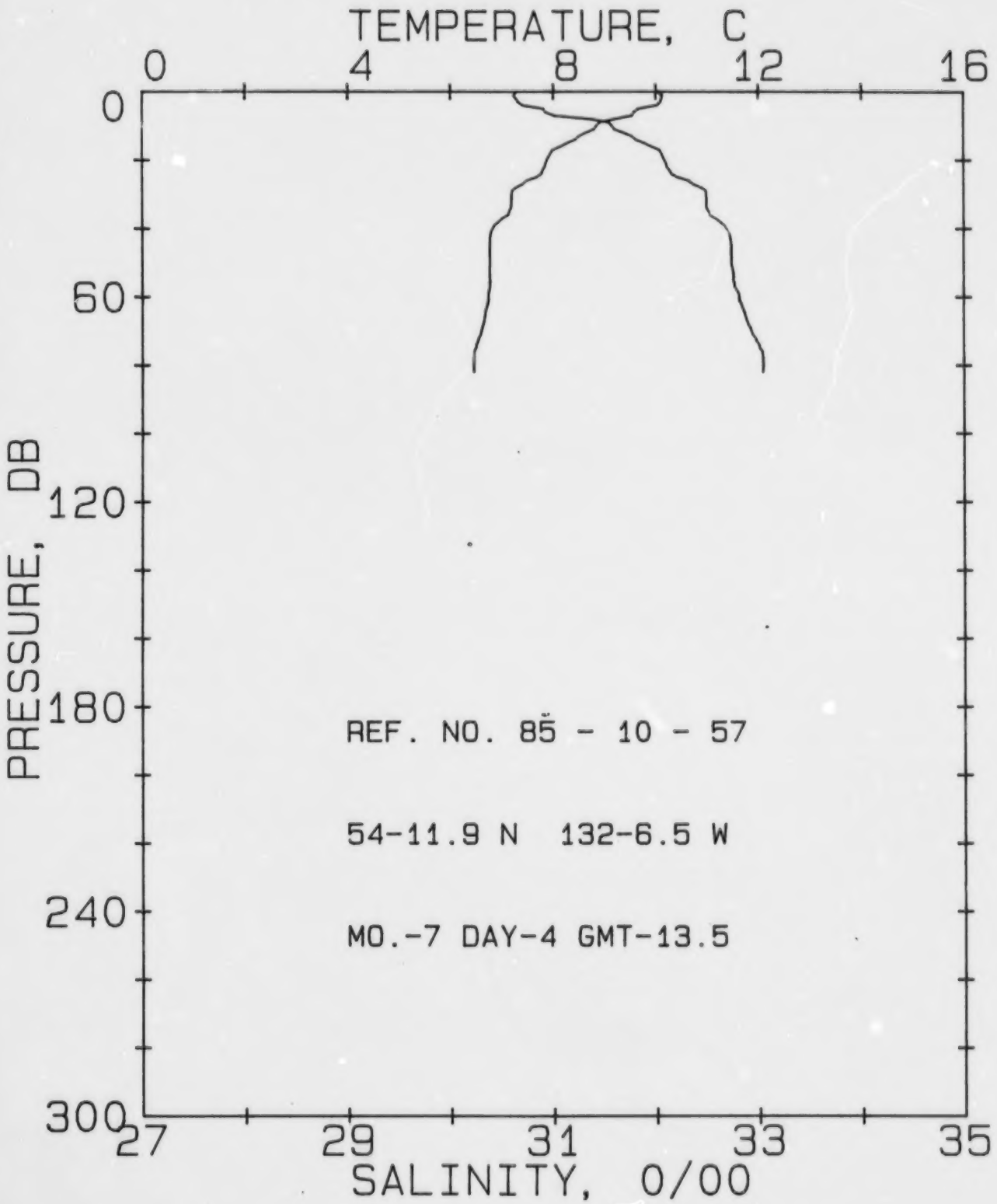
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 55 DATE 4/ 7/85
POSITION 54-28.8N, 132- 6.5W GMT 10.8 STATION Q 57
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.68	30.09	0	22.87	500.3	.00	.00	1490.
10	11.43	30.24	10	23.03	484.6	.50	.03	1490.
20	10.34	30.60	20	23.50	440.5	.97	.10	1486.
30	8.93	31.22	30	24.20	373.1	1.39	.20	1482.
50	7.06	32.31	50	25.32	266.7	1.99	.44	1477.
75	6.67	32.54	75	25.55	244.9	2.62	.85	1476.
100	6.51	32.96	99	25.90	211.9	3.18	1.34	1476.
125	6.35	33.20	124	26.11	192.7	3.69	1.93	1476.
150	6.10	33.37	149	26.28	176.9	4.16	2.58	1476.
175	5.87	33.51	174	26.41	164.6	4.58	3.28	1475.
200	5.66	33.68	199	26.57	149.7	4.97	4.03	1475.
225	5.57	33.75	223	26.64	143.6	5.34	4.82	1475.
250	5.43	33.79	248	26.69	138.8	5.69	5.68	1475.
DEEPEST MEASUREMENT:								
292	5.32	33.85	290	26.75	133.8	6.27	7.26	1476.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 56
54-23.3 N 132-6.5 W
MO.-7 DAY-4 GMT-11.6
27
29
31
33
35
SALINITY, 0/00

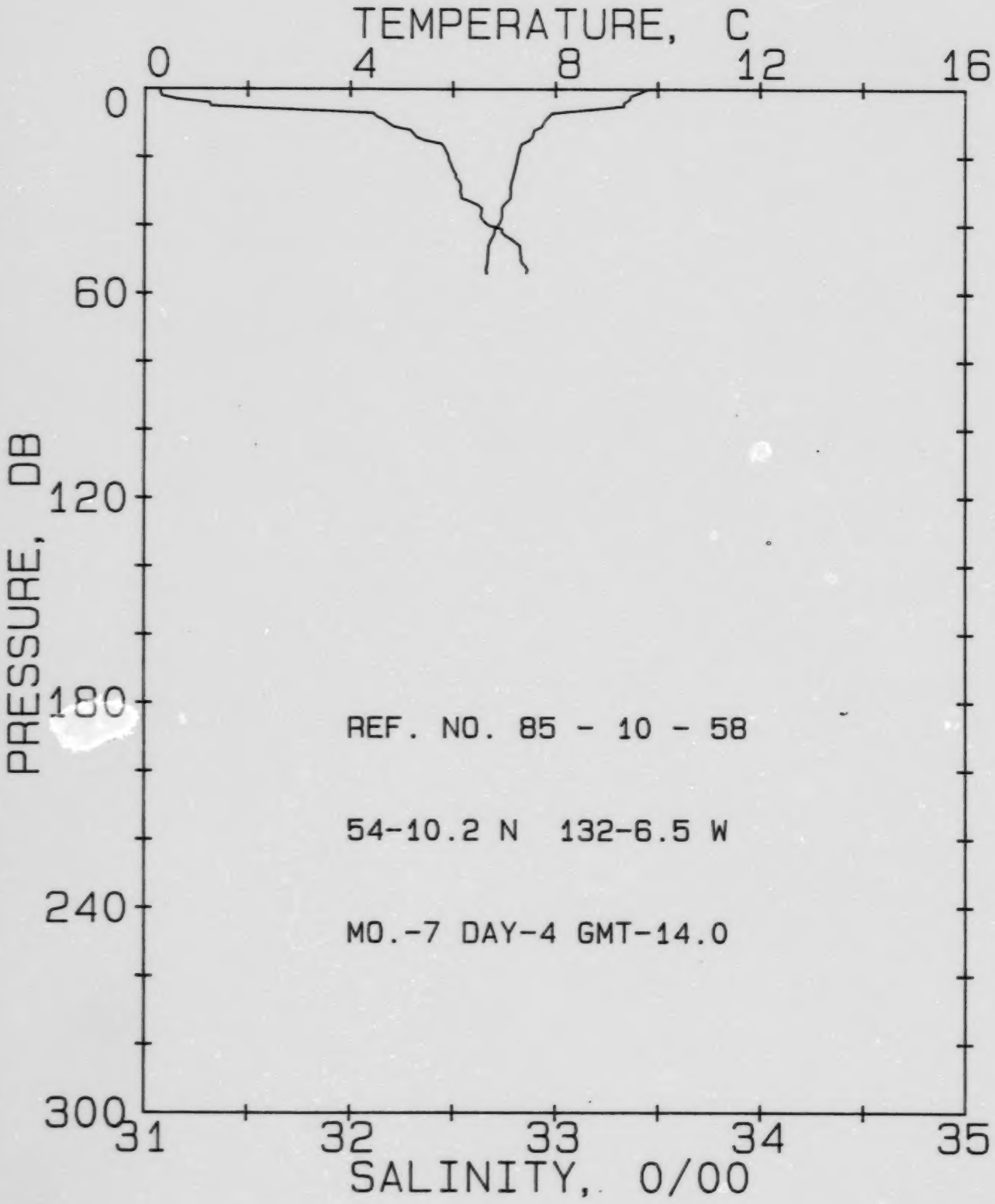
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 56 DATE 4/ 7/85
POSITION 54-23.3N, 132- 6.5W GMT 11.6 STATION Q 58
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.01	30.43	0	23.25	463.4	.00	.00	1488.
10	10.65	30.50	10	23.36	453.0	.46	.02	1487.
20	8.28	31.44	20	24.47	347.9	.86	.08	1480.
30	7.80	31.51	30	24.59	336.0	1.21	.17	1478.
50	7.18	32.09	50	25.13	284.7	1.82	.42	1477.
75	6.68	32.65	75	25.64	237.1	2.46	.83	1476.
100	6.48	33.00	99	25.94	209.0	3.02	1.32	1476.
125	6.16	33.29	124	26.20	183.9	3.51	1.88	1476.
150	5.86	33.52	149	26.43	162.8	3.94	2.49	1475.
175	5.75	33.64	174	26.53	153.2	4.34	3.14	1475.
200	5.72	33.72	199	26.60	147.0	4.71	3.85	1476.
225	5.47	33.81	223	26.70	137.7	5.07	4.63	1475.
250	5.38	33.84	248	26.73	134.9	5.41	5.45	1475.
DEEPEST MEASUREMENT:								
272	5.37	33.84	270	26.73	135.0	5.71	6.24	1475.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 57
54-11.9 N 132-6.5 W
MO.-7 DAY-4 GMT-13.5
27
29
31
33
35
SALINITY, 0/00

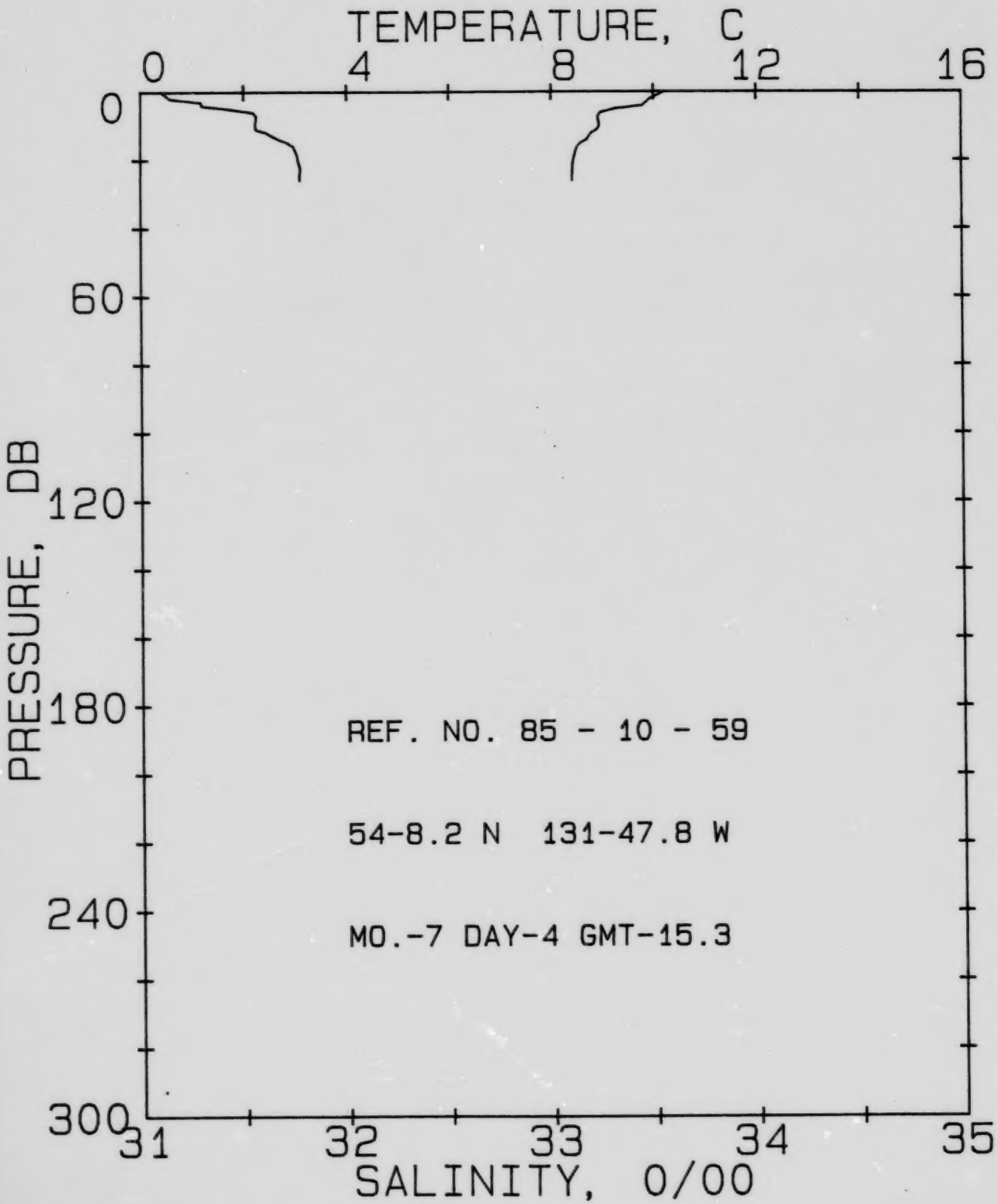
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 57 DATE 4/ 7/85
POSITION 54-11.9N, 132- 6.5W GMT 13.5 STATION Q 59
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.04	30.65	0	23.58	432.2	.00	.00	1485.
10	8.84	31.58	10	24.49	345.3	.40	.02	1482.
20	7.87	32.09	20	25.03	293.7	.72	.07	1479.
30	7.19	32.50	30	25.45	254.4	1.00	.14	1477.
50	6.77	32.74	50	25.69	231.4	1.48	.33	1476.
75	6.49	33.02	75	25.95	207.5	2.03	.68	1476.
DEEPEST MEASUREMENT:								
82	6.45	33.05	81	25.98	204.8	2.18	.80	1476.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 58
54-10.2 N 132-6.5 W
MO.-7 DAY-4 GMT-14.0
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 58 DATE 4/ 7/85
POSITION 54-10.2N, 132- 6.5W GMT 14.0 STATION Q 60
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	9.80	31.08	0	23.95	396.7	.00	.00	1485.
10	7.77	32.19	10	25.12	285.0	.35	.02	1479.
20	7.27	32.48	20	25.43	256.5	.61	.06	1477.
30	7.13	32.54	30	25.49	250.8	.87	.12	1477.
50	6.68	32.83	50	25.78	223.3	1.34	.31	1476.
DEEPEST MEASUREMENT:								
54	6.66	32.86	54	25.80	221.1	1.43	.36	1476.


TEMPERATURE, C
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4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 59
54-8.2 N 131-47.8 W
MO.-7 DAY-4 GMT-15.3
31
32
33
34
35
SALINITY, 0/00

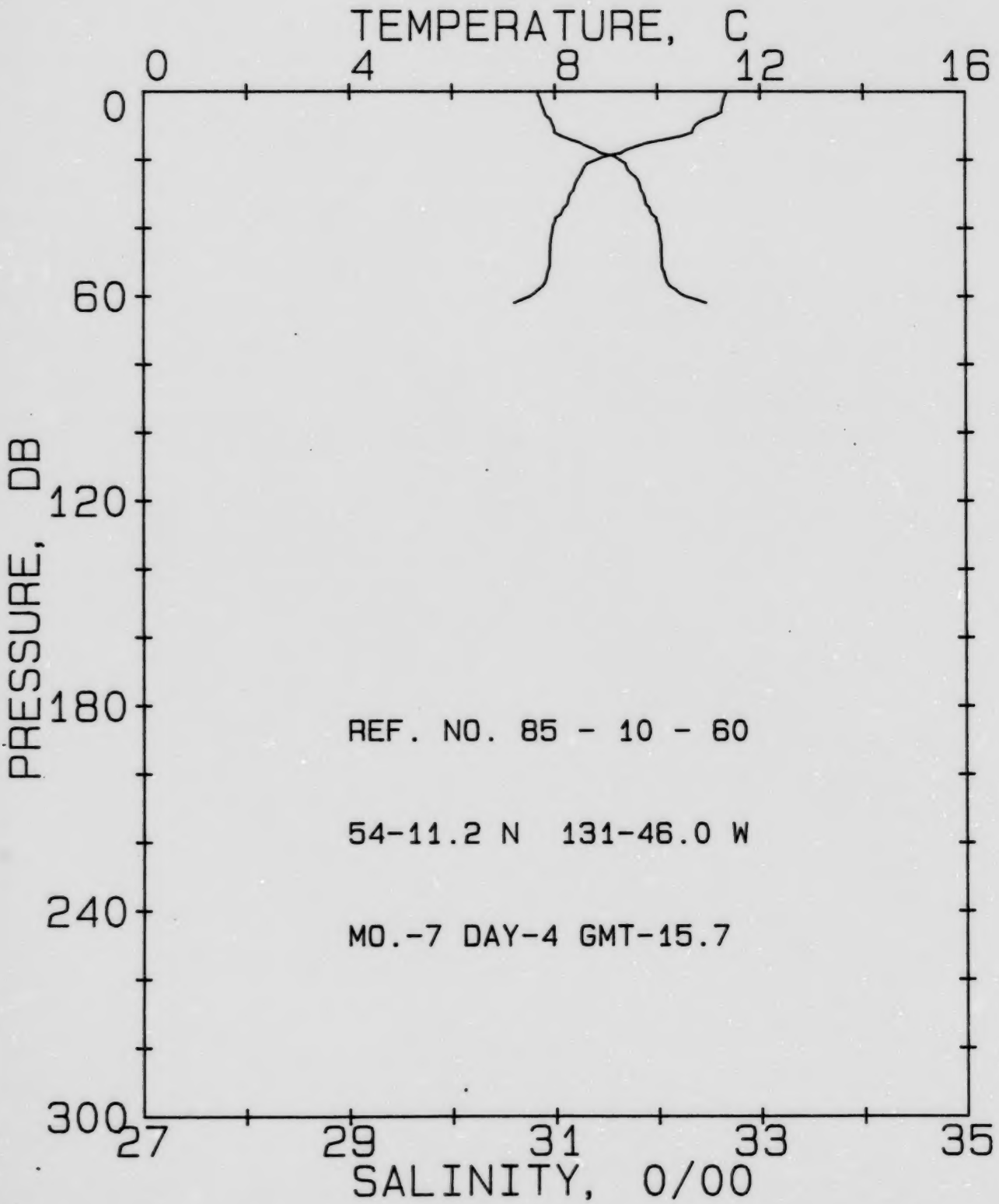
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 59 DATE 4/ 7/85
POSITION 54- 8.2N, 131-47.8W GMT 15.3 STATION Q112
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.21	31.10	0	23.91	400.9	.00	.00	1486.
10	8.94	31.56	10	24.46	348.3	.37	.02	1482.
20	8.44	31.77	20	24.70	325.7	.70	.07	1481.

DEEPEST MEASUREMENT:

26	8.42	31.77	26	24.71	324.8	.90	.11	1481.

PRES	DEPTH	TEMP	SAL	PRES	DEPTH	TEMP	SAL
0.		10.21	31.10	14.		8.70	31.68
1.		10.08	31.13	15.		8.58	31.72
2.		9.94	31.15	16.		8.52	31.74
3.		9.87	31.30	17.		8.49	31.75
4.		9.79	31.30	18.		8.47	31.76
5.		9.24	31.43	19.		8.46	31.76
6.		8.97	31.55	20.		8.44	31.77
7.		8.93	31.56	21.		8.42	31.77
8.		8.93	31.56	22.		8.42	31.78
9.		8.94	31.56	23.		8.42	31.78
10.		8.94	31.56	24.		8.42	31.77
11.		8.90	31.56	25.		8.42	31.77
12.		8.79	31.61	26.		8.42	31.77
13.		8.75	31.64				


TEMPERATURE, C
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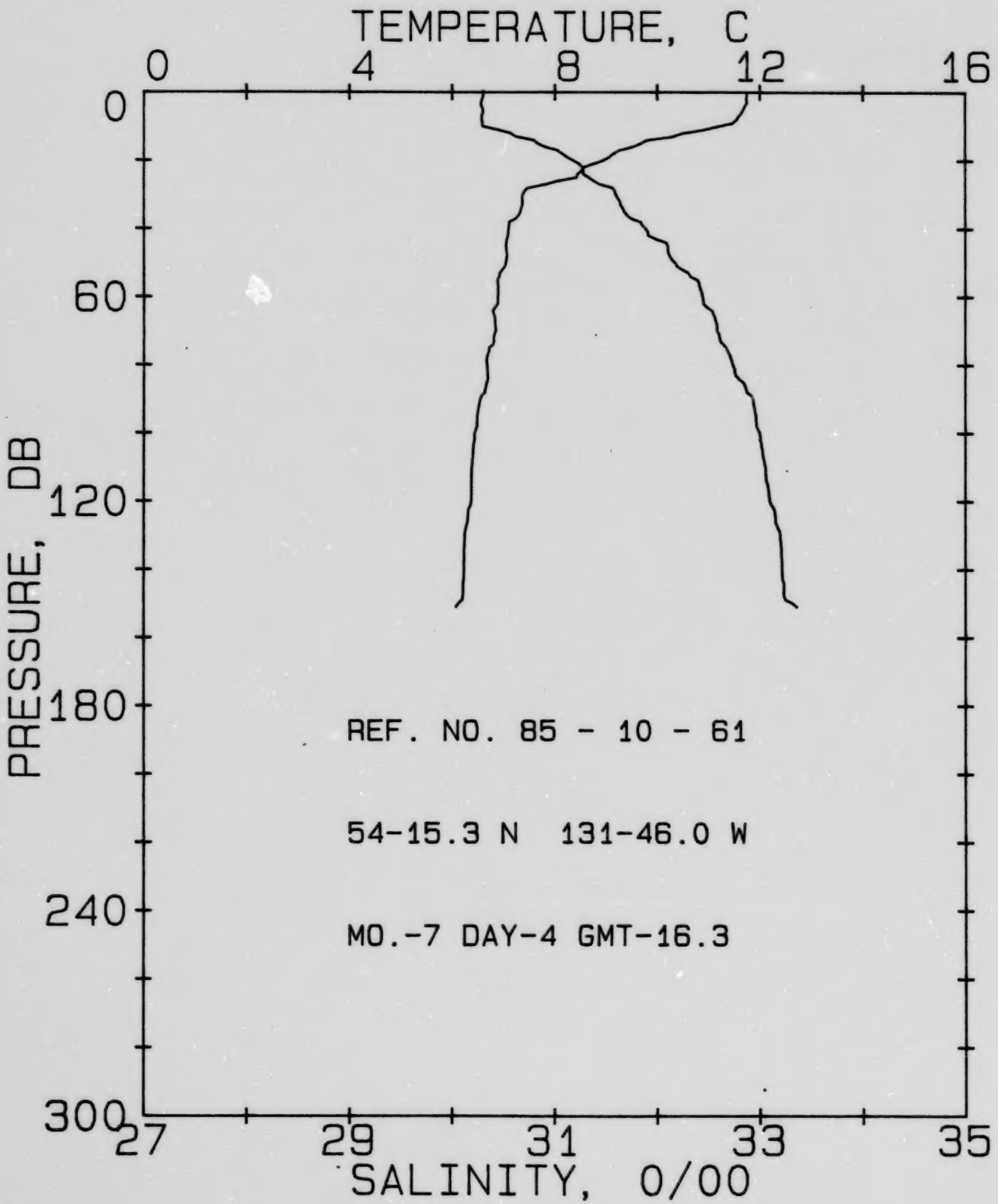
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 60
54-11.2 N 131-46.0 W
MO.-7 DAY-4 GMT-15.7
27
29
31
33
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 60 DATE 4/ 7/85
POSITION 54-11.2N, 131-46.0W GMT 15.7 STATION Q113
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.37	30.84	0	23.50	439.5	.00	.00	1490.
10	10.75	30.99	10	23.72	418.4	.43	.02	1488.
20	8.81	31.63	20	24.54	340.8	.82	.08	1482.
30	8.30	31.87	30	24.80	316.4	1.14	.16	1480.
50	7.90	32.04	50	24.99	298.3	1.75	.41	1480.
DEEPEST MEASUREMENT:								
62	7.20	32.47	62	25.43	256.9	2.08	.60	1478.

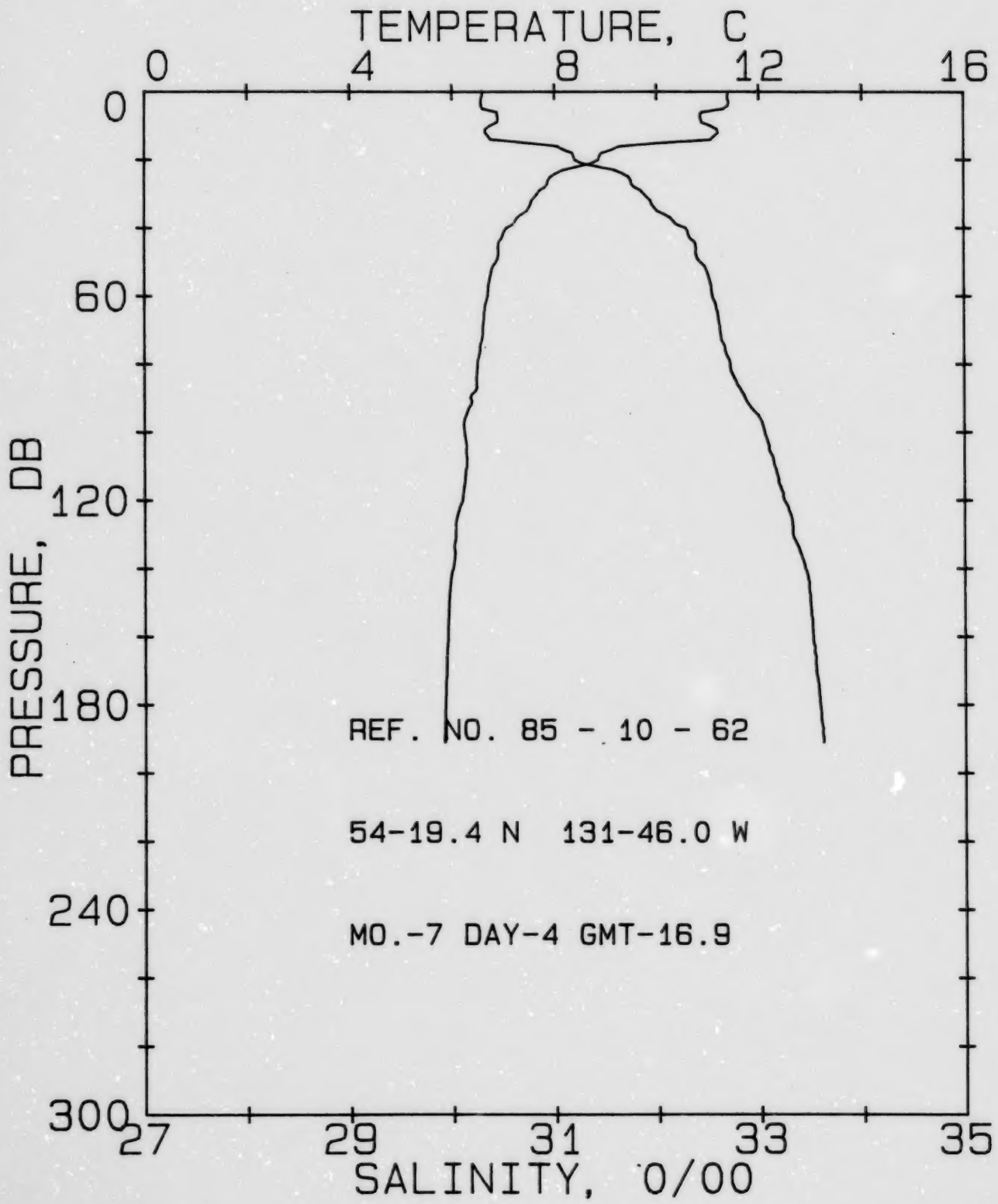

TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 61
54-15.3 N 131-46.0 W
MO.-7 DAY-4 GMT-16.3
27
29
31
33
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 61 DATE 4/ 7/85
POSITION 54-15.3N, 131-46.0W GMT 16.3 STATION Q 62
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.76	30.31	0	23.02	485.4	.00	.00	1491.
10	11.17	30.30	10	23.12	476.3	.48	.02	1489.
20	8.94	31.18	20	24.17	376.3	.90	.09	1482.
30	7.38	31.59	30	24.72	324.2	1.25	.18	1477.
50	7.05	32.17	50	25.21	277.1	1.85	.42	1476.
75	6.73	32.67	75	25.65	236.1	2.48	.82	1476.
100	6.44	33.00	99	25.94	208.4	3.04	1.31	1476.
125	6.30	33.15	124	26.08	195.8	3.55	1.89	1476.
150	6.12	33.32	149	26.23	181.4	4.02	2.56	1476.

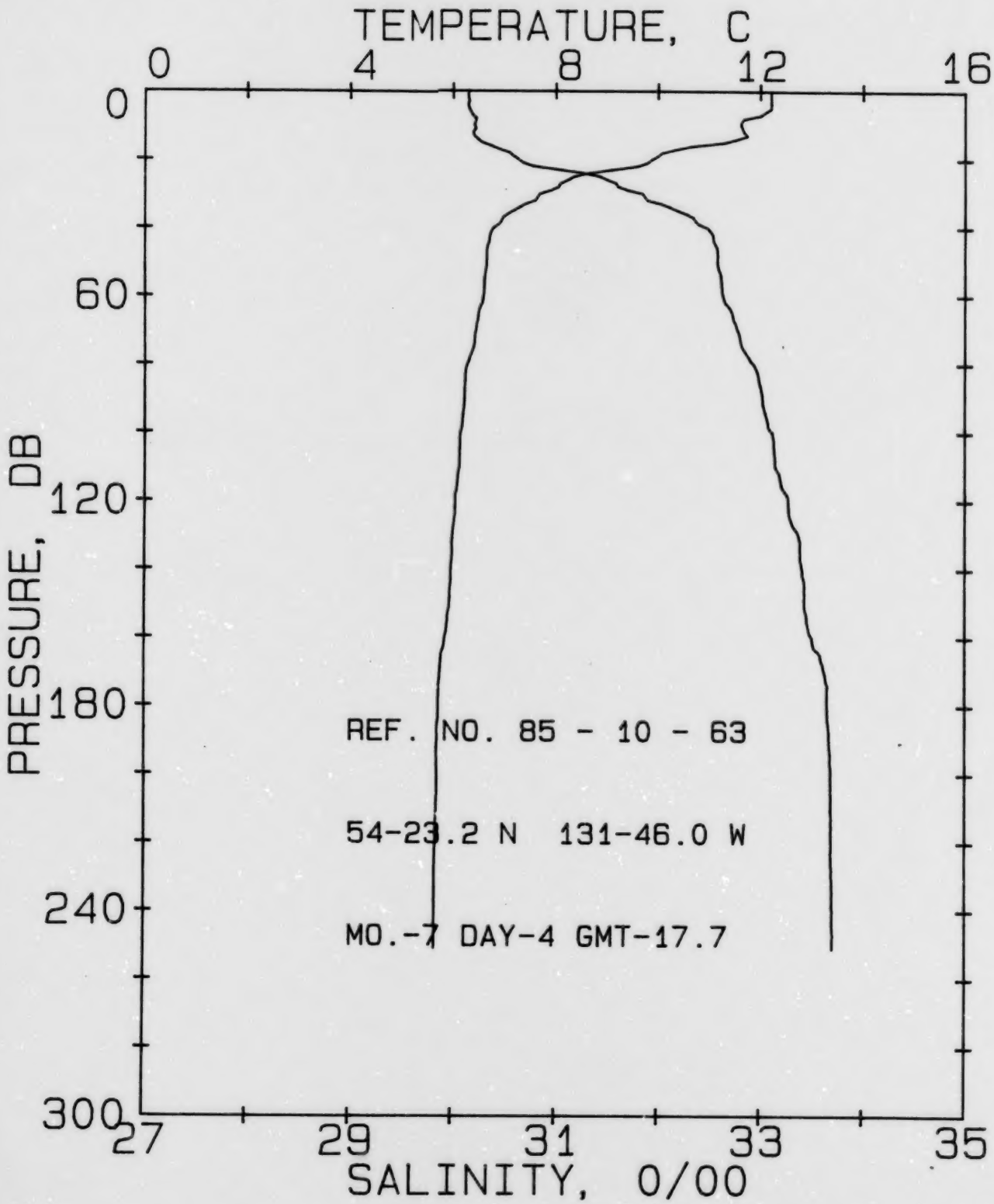
DEEPEST MEASUREMENT:

151	6.08	33.36	150	26.27	177.9	4.04	2.59	1476.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 62
54-19.4 N 131-46.0 W
MO.-7 DAY-4 GMT-16.9
27
29
31
33
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 62 DATE 4/ 7/85
POSITION 54-19.4N, 131-46.0W GMT 16.9 STATION Q114
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.41	30.29	0	23.07	480.4	.00	.00	1489.
10	11.06	30.37	10	23.19	469.1	.47	.02	1489.
20	8.87	31.20	20	24.19	373.9	.90	.09	1482.
30	7.67	31.88	30	24.90	307.0	1.23	.17	1478.
50	6.86	32.43	50	25.44	255.6	1.78	.39	1476.
75	6.55	32.67	75	25.67	234.1	2.39	.78	1475.
100	6.24	33.05	99	26.01	201.8	2.94	1.27	1475.
125	6.10	33.31	124	26.23	181.1	3.42	1.82	1475.
150	5.93	33.49	149	26.40	165.8	3.85	2.42	1475.
175	5.86	33.57	174	26.46	159.6	4.26	3.10	1475.
DEEPEST MEASUREMENT:								
191	5.83	33.61	190	26.50	156.2	4.51	3.57	1476.


TEMPERATURE, C
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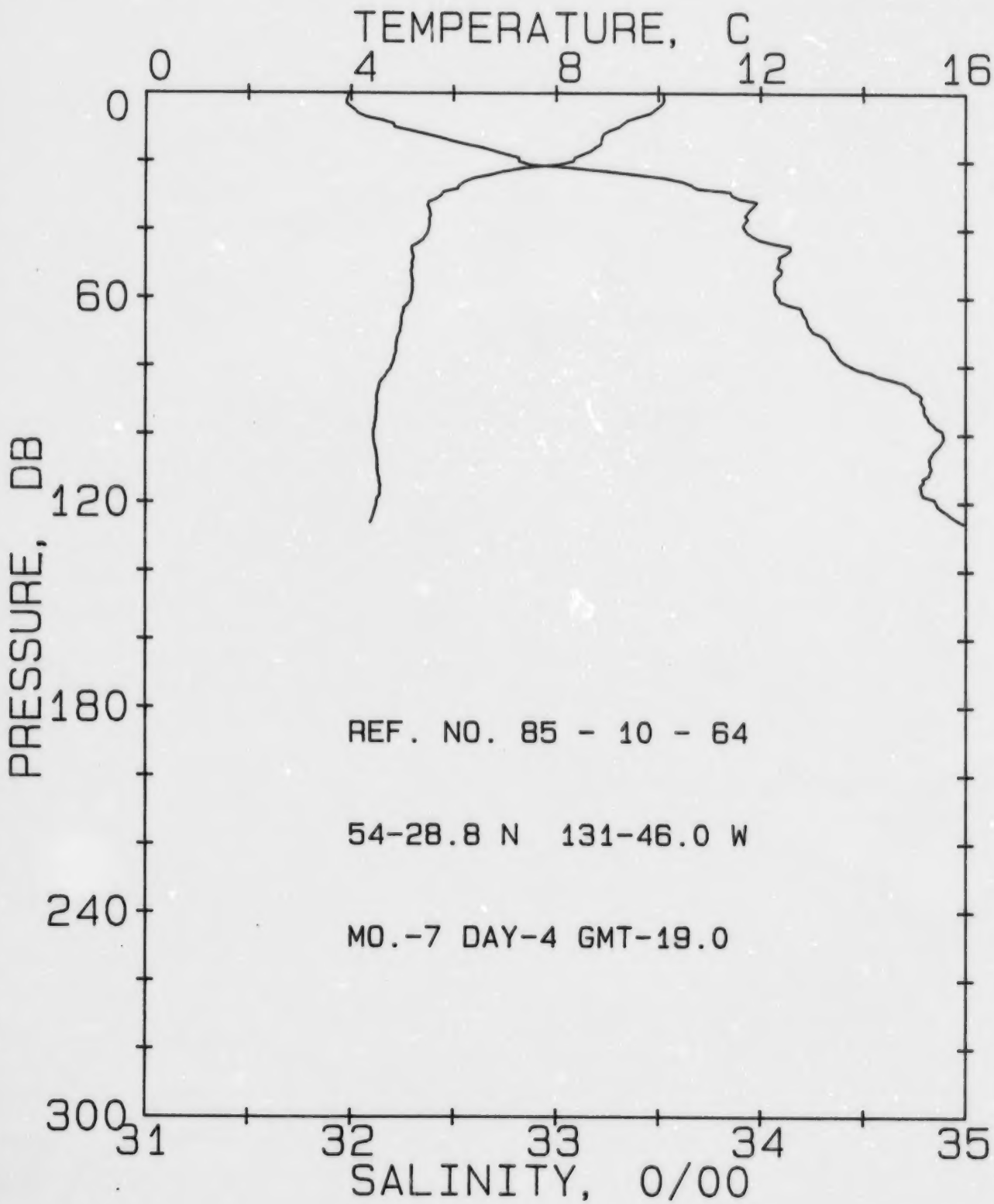
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 63
54-23.2 N 131-46.0 W
MO.-7 DAY-4 GMT-17.7
27
29
31
33
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 63 DATE 4/ 7/85
POSITION 54-23.2N, 131-46.0W GMT 17.7 STATION Q115
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.22	30.15	0	22.82	505.1	.00	.00	1492.
10	11.63	30.21	10	22.97	490.7	.50	.03	1490.
20	9.88	30.64	20	23.60	430.5	.97	.10	1485.
30	7.69	31.85	30	24.87	309.5	1.33	.19	1478.
50	6.66	32.58	50	25.59	241.5	1.86	.40	1475.
75	6.41	32.82	75	25.81	220.8	2.44	.77	1475.
100	6.16	33.12	99	26.07	195.7	2.95	1.23	1475.
125	6.04	33.29	124	26.22	181.8	3.43	1.77	1475.
150	5.94	33.43	149	26.35	170.4	3.86	2.38	1475.
175	5.73	33.66	174	26.55	151.6	4.26	3.04	1475.
200	5.70	33.69	199	26.58	148.8	4.64	3.76	1475.
225	5.66	33.70	223	26.59	148.2	5.01	4.56	1476.
250	5.66	33.71	248	26.60	147.8	5.38	5.46	1476.
DEEPEST MEASUREMENT:								
251	5.66	33.71	249	26.60	147.7	5.40	5.50	1476.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8
12
16
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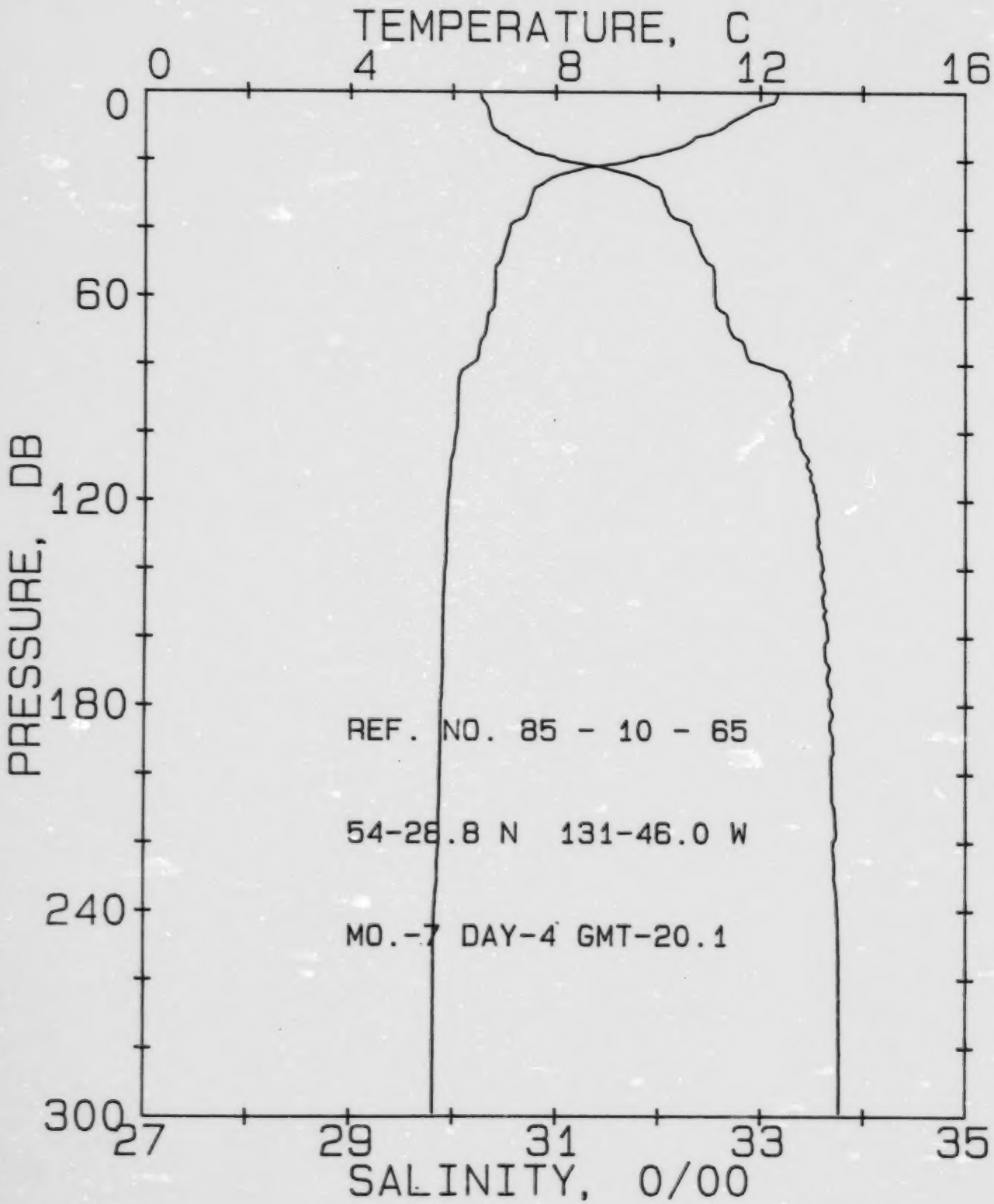
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 64
54-28.8 N 131-46.0 W
MO.-7 DAY-4 GMT-19.0
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 64 DATE 4/ 7/85
POSITION 54-28.8N, 131-46.0W GMT 19.0 STATION Q116
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.09	31.99	0	24.61	333.8	.00	.00	1487.
10	9.22	32.21	10	24.93	303.6	.32	.02	1484.
20	8.33	32.82	20	25.54	245.7	.60	.06	1482.
30	5.76	33.86	30	26.71	134.9	.77	.10	1473.
50	5.18	34.09	50	26.95	111.6	1.02	.20	1471.
75	4.87	34.35	74.	27.19	89.1	1.28	.36	1471.
100	4.43	34.89	99	27.67	43.9	1.43	.50	1470.
125	4.40	34.96	124	27.73	38.9	1.55	.64	1471.

DEEPEST MEASUREMENT:

126	4.37	34.99	125	27.76	36.1	1.56	.64	1470.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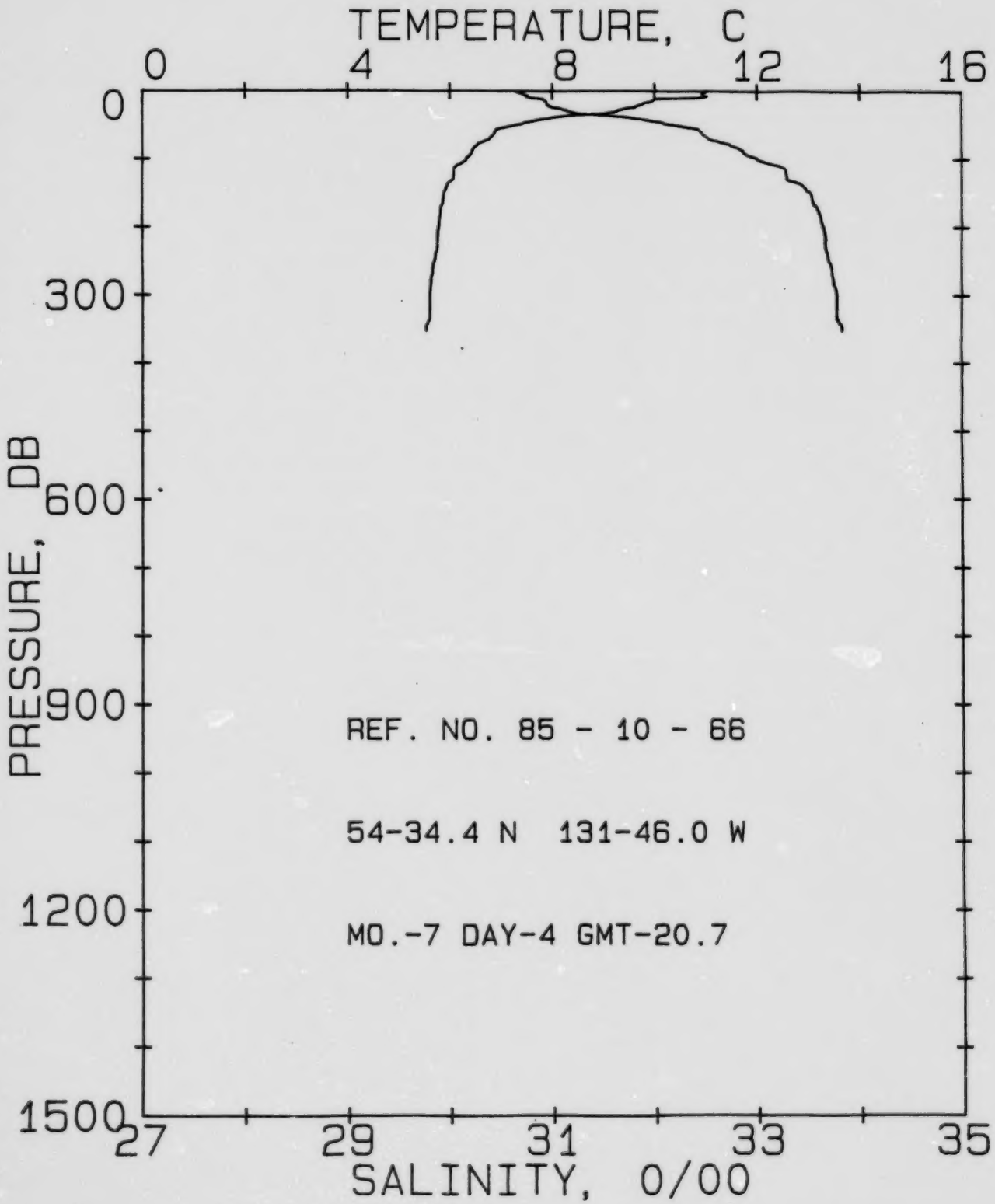
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 65
54-28.8 N 131-46.0 W
MO.-7 DAY-4 GMT-20.1
27
29
31
33
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 65 DATE 4/ 7/85
POSITION 54-28.8N, 131-46.0W GMT 20.1 STATION Q116
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.34	30.27	0	22.89	497.9	.00	.00	1493.
10	11.32	30.38	10	23.16	472.6	.49	.02	1489.
20	9.49	31.04	20	23.97	395.0	.93	.09	1484.
30	7.55	32.04	30	25.04	293.2	1.25	.17	1478.
50	6.91	32.48	50	25.47	252.5	1.80	.39	1476.
75	6.51	32.85	75	25.81	220.2	2.39	.77	1475.
100	6.06	33.34	99	26.26	178.2	2.87	1.19	1475.
125	5.88	33.56	124	26.45	160.3	3.29	1.67	1475.
150	5.81	33.61	149	26.50	155.7	3.68	2.22	1475.
175	5.78	33.69	174	26.57	149.9	4.06	2.86	1475.
200	5.74	33.69	199	26.57	149.5	4.44	3.57	1476.
225	5.70	33.72	223.	26.60	147.3	4.81	4.37	1476.
250	5.62	33.76	248	26.64	143.6	5.17	5.25	1476.
300	5.62	33.76	298	26.65	143.8	5.89	7.26	1477.
DEEPEST MEASUREMENT:								
299	5.62	33.76	297	26.65	143.7	5.87	7.22	1477.


TEMPERATURE, C
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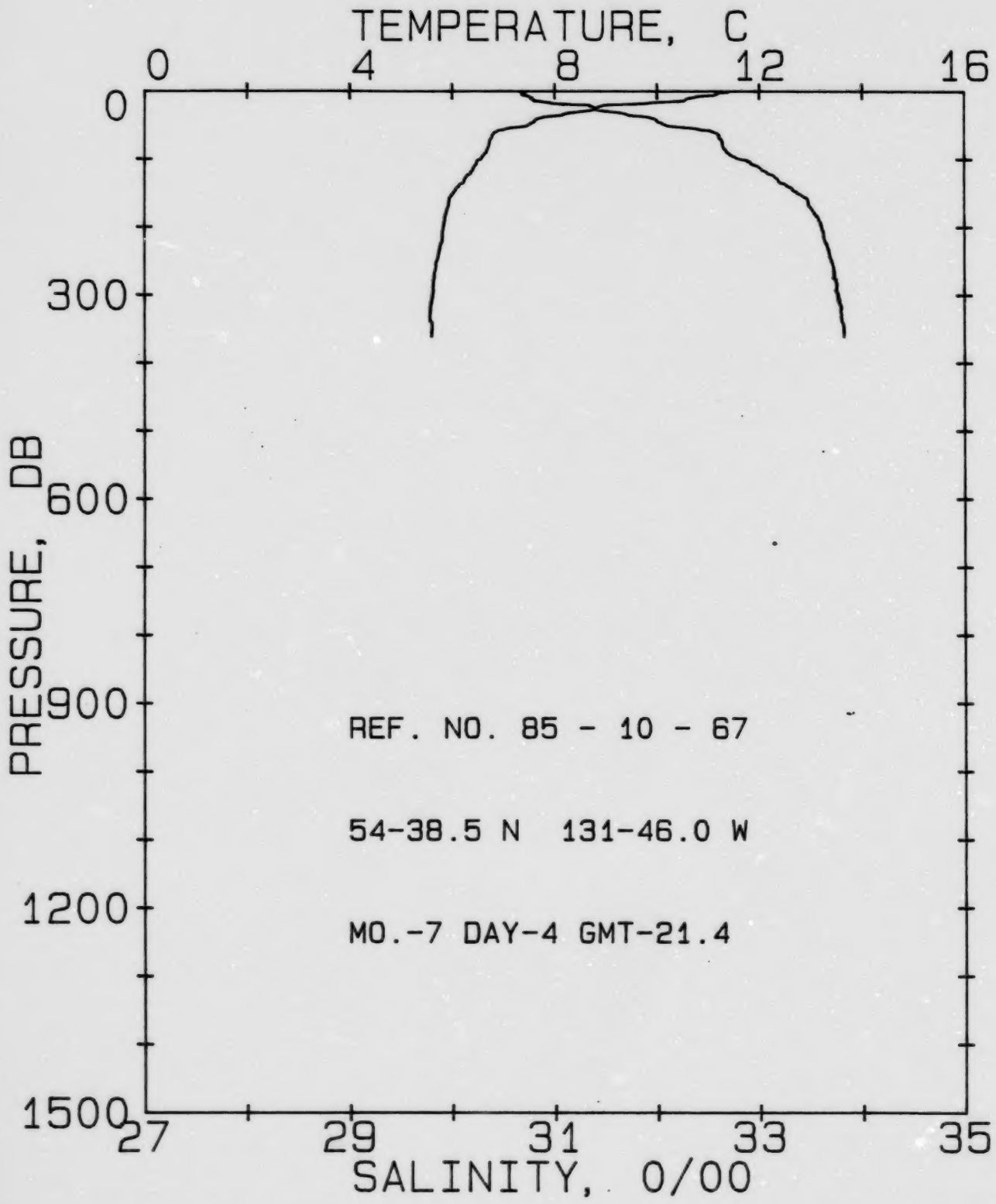
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 66
54-34.4 N 131-46.0 W
MO.-7 DAY-4 GMT-20.7
27
29
31
33
35
SALINITY, 0/00

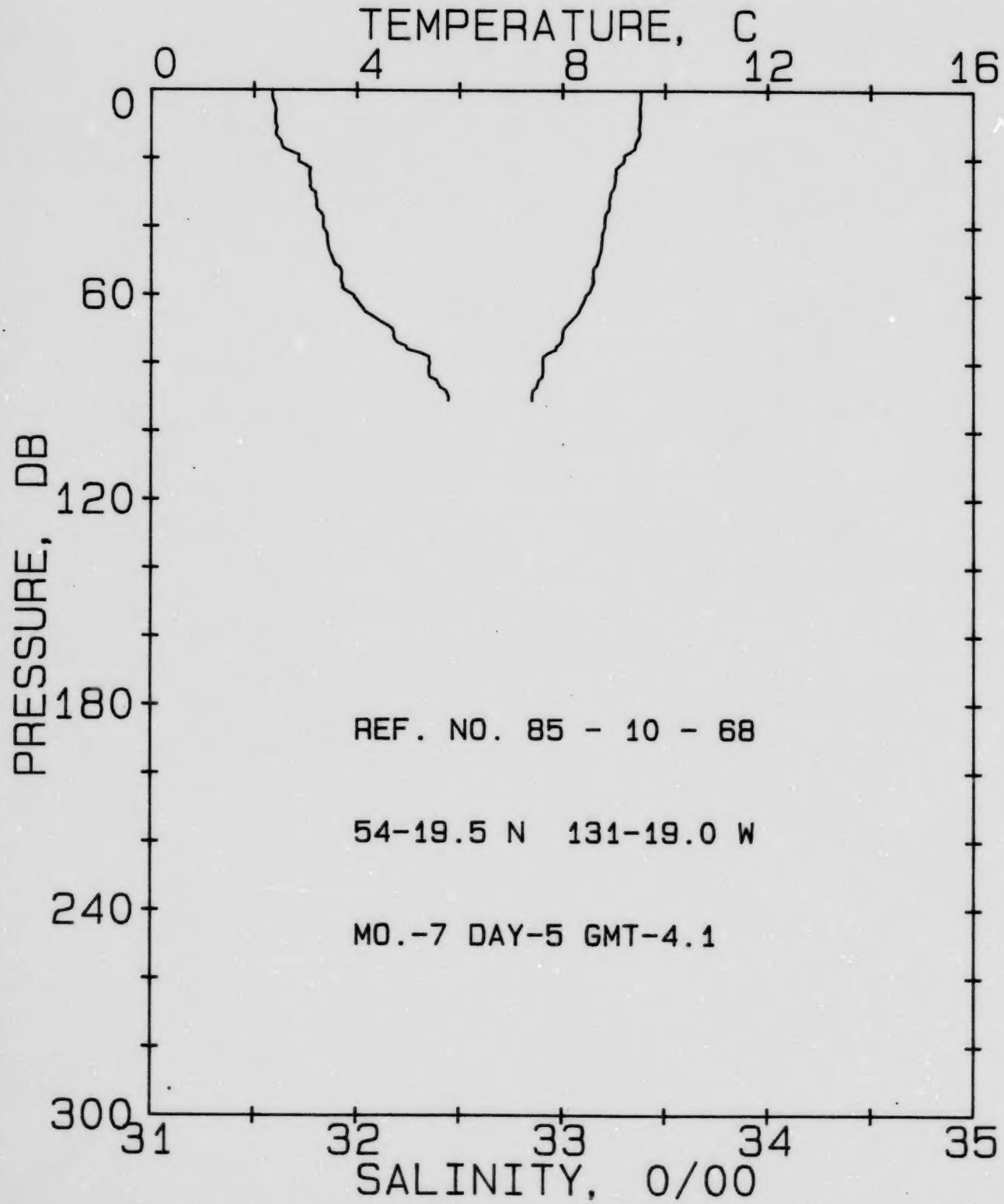
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 66 DATE 4/ 7/85
POSITION 54-34.4N, 131-46.0W GMT 20.7 STATION Q117
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.00	30.65	0	23.42	447.1	.00	.00	1488.
10	10.85	30.79	10	23.56	434.5	.44	.02	1488.
20	9.74	30.95	20	23.86	405.2	.85	.08	1485.
30	9.25	31.16	30	24.10	382.5	1.25	.19	1483.
50	7.27	32.20	50	25.20	278.2	1.89	.45	1477.
75	6.65	32.66	75	25.65	235.9	2.53	.85	1476.
100	6.32	33.01	99	25.97	205.9	3.08	1.33	1475.
125	6.08	33.30	124	26.22	182.1	3.55	1.88	1475.
150	5.88	33.53	149	26.43	162.3	3.98	2.48	1475.
175	5.81	33.60	174	26.50	156.5	4.38	3.14	1475.
200	5.78	33.66	199	26.54	152.3	4.76	3.88	1476.
225	5.75	33.67	223	26.56	151.3	5.14	4.70	1476.
250	5.70	33.71	248	26.59	148.5	5.52	5.60	1476.
300	5.60	33.78	298	26.66	142.2	6.24	7.63	1477.
DEEPEST MEASUREMENT:								
352	5.53	33.84	349	26.71	137.9	6.97	10.05	1477.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 67
54-38.5 N 131-46.0 W
MO.-7 DAY-4 GMT-21.4
27
29
31
33
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 67 DATE 4/ 7/85
POSITION 54-38.5N, 131-46.0W GMT 21.4 STATION Q118
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.36	30.67	0	23.38	451.5	.00	.00	1490.
10	10.65	30.78	10	23.58	431.7	.44	.02	1488.
20	9.05	31.30	20	24.24	369.5	.86	.09	1482.
30	8.53	31.52	30	24.50	345.2	1.22	.18	1481.
50	7.48	32.09	50	25.09	289.1	1.84	.43	1478.
75	6.73	32.64	75	25.62	238.5	2.46	.82	1476.
100	6.55	32.81	99	25.78	223.7	3.05	1.34	1476.
125	6.28	33.15	124	26.08	195.8	3.57	1.94	1476.
150	6.02	33.37	149	26.29	176.2	4.03	2.59	1475.
175	5.90	33.52	174	26.42	163.9	4.45	3.29	1476.
200	5.82	33.61	199	26.50	156.6	4.85	4.05	1476.
225	5.76	33.66	223	26.55	152.4	5.24	4.89	1476.
250	5.69	33.70	248	26.59	148.7	5.62	5.80	1476.
300	5.60	33.77	298	26.65	143.2	6.35	7.84	1477.
DEEPEST MEASUREMENT:								
361	5.59	33.82	358	26.70	139.7	7.21	10.74	1478.

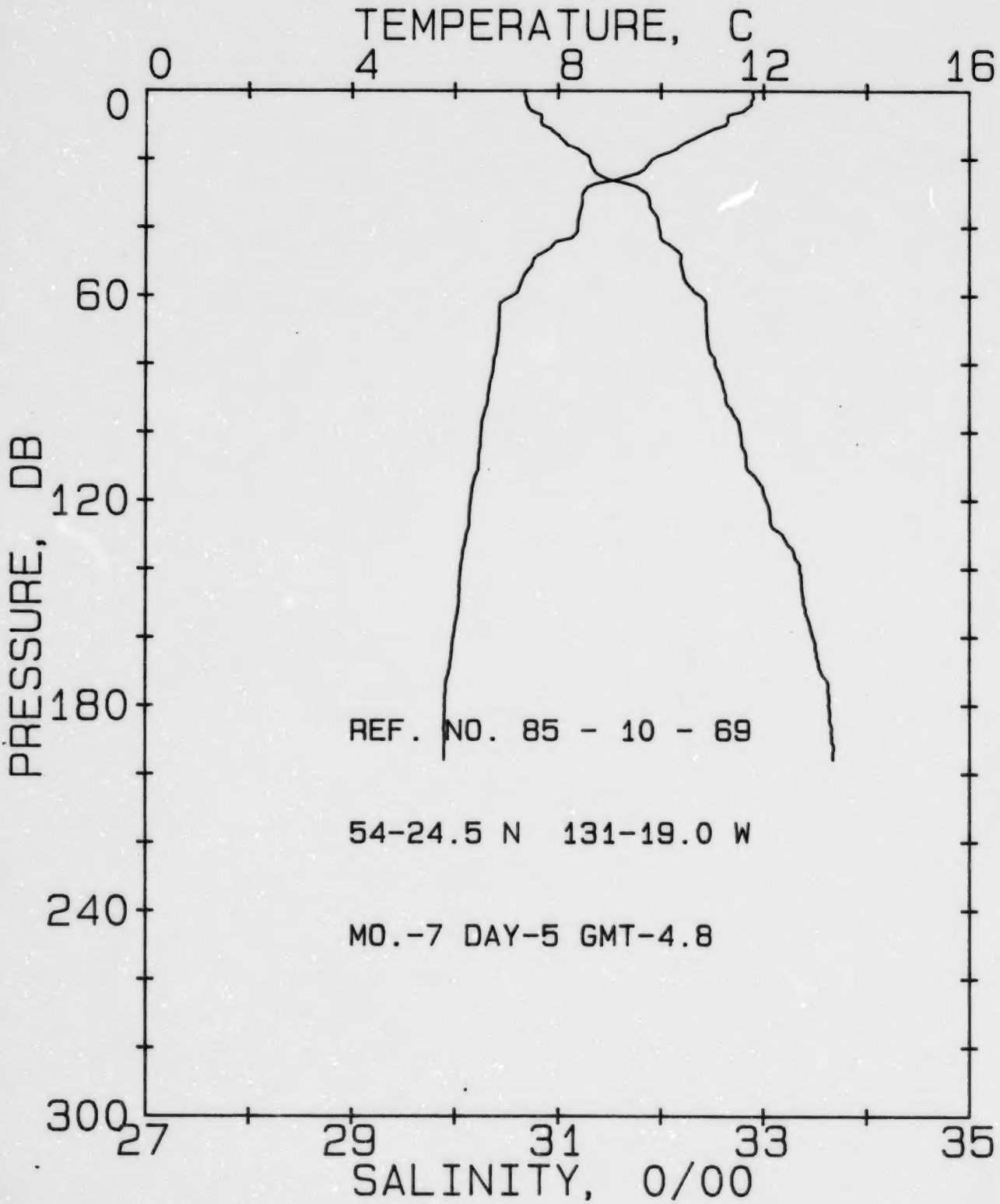

TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 68
54-19.5 N 131-19.0 W
MO.-7 DAY-5 GMT-4.1
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 68 DATE 5/ 7/85
POSITION 54-19.5N, 131-19.0W GMT 4.1 STATION Q143
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	9.53	31.59	0	24.39	354.4	.00	.00	1484.
10	9.51	31.61	10	24.41	353.1	.35	.02	1484.
20	9.21	31.72	20	24.54	340.6	.70	.07	1484.
30	8.94	31.80	30	24.65	330.6	1.04	.16	1483.
50	8.70	31.88	50	24.75	321.0	1.69	.42	1482.
75	7.89	32.24	75	25.15	283.8	2.45	.91	1480.

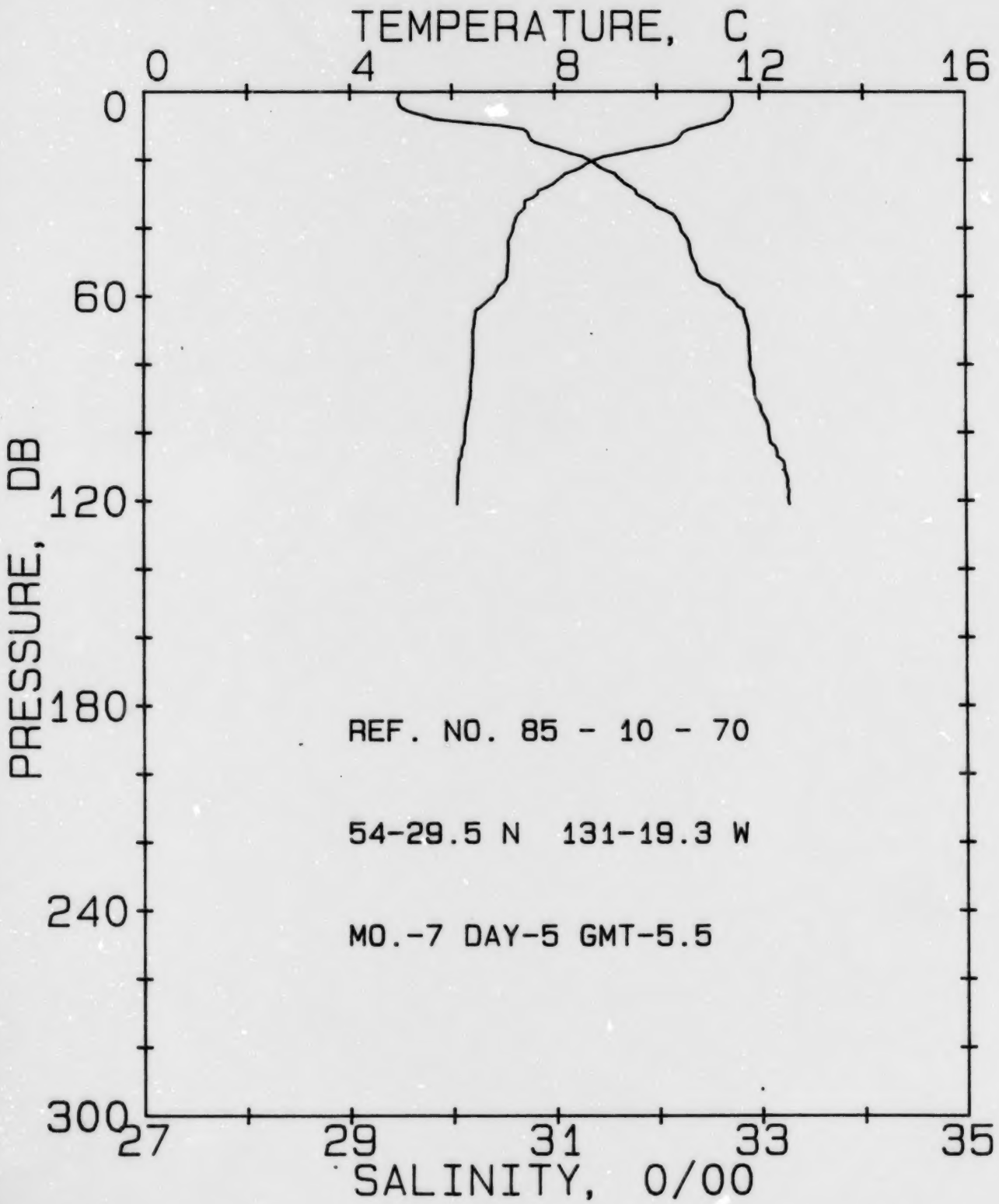
DEEPEST MEASUREMENT:

91	7.41	32.45	90	25.38	262.0	2.89	1.27	1479.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 69
54-24.5 N 131-19.0 W
MO.-7 DAY-5 GMT-4.8
27
29
31
33
35
SALINITY, 0/00

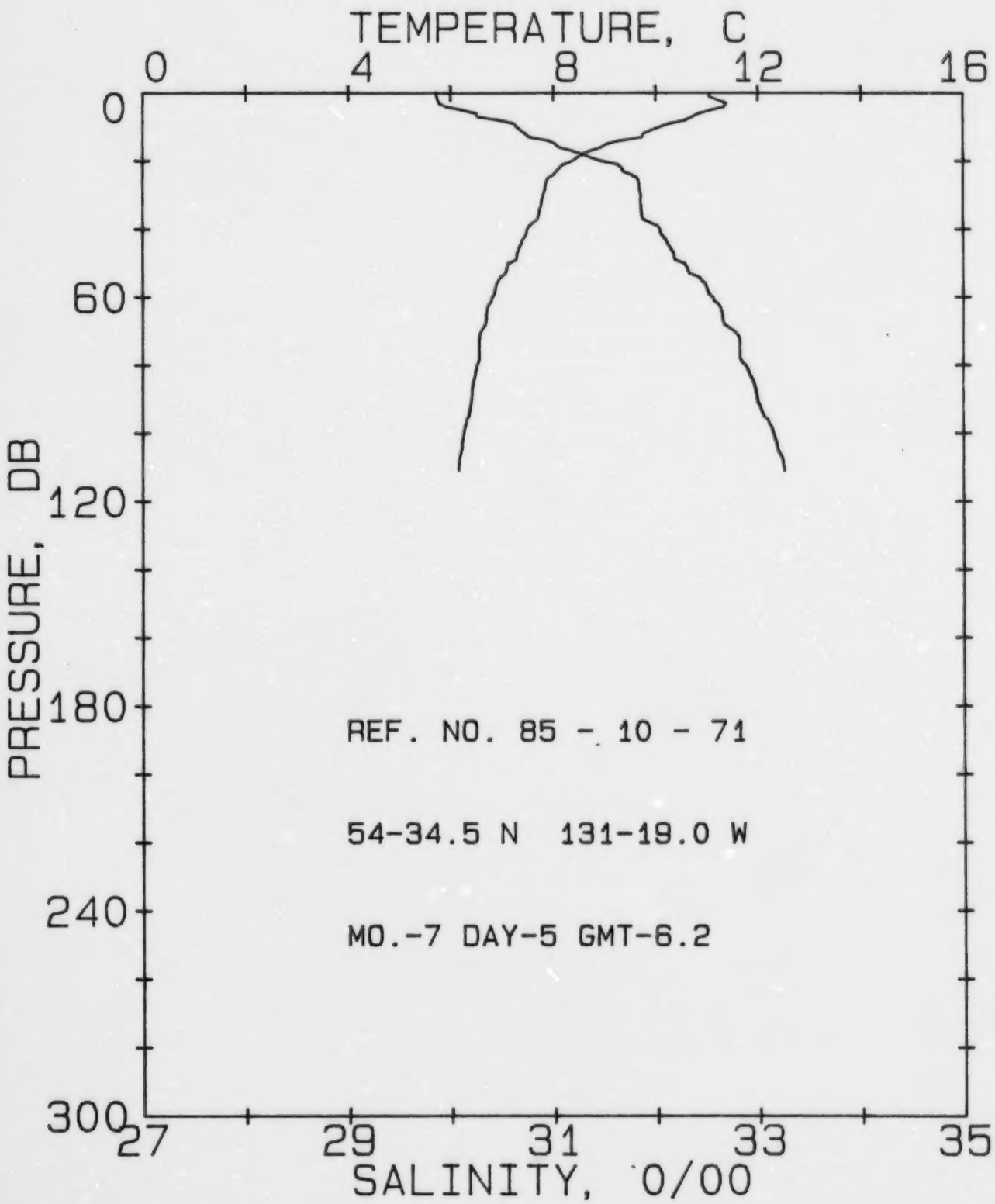
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 69 DATE 5/ 7/85
POSITION 54-24.5N, 131-19.0W GMT 4.8 STATION Q144
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.79	30.68	0	23.30	458.7	.00	.00	1491.
10	11.26	30.85	10	23.53	437.2	.45	.02	1490.
20	9.83	31.31	20	24.13	380.1	.86	.08	1485.
30	8.47	31.86	30	24.77	319.4	1.21	.17	1481.
50	7.51	32.19	50	25.16	281.8	1.82	.42	1478.
75	6.81	32.46	75	25.47	252.7	2.48	.84	1476.
100	6.50	32.77	99	25.76	225.9	3.08	1.37	1476.
125	6.27	33.06	124	26.01	201.9	3.62	1.98	1476.
150	6.07	33.38	149	26.29	175.8	4.08	2.63	1476.
175	5.82	33.62	174	26.51	155.1	4.49	3.32	1475.
DEEPEST MEASUREMENT:								
196	5.78	33.67	195	26.56	151.2	4.81	3.92	1476.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 70
54-29.5 N 131-19.3 W
MO.-7 DAY-5 GMT-5.5
27
29
31
33
35
SALINITY, 0/00

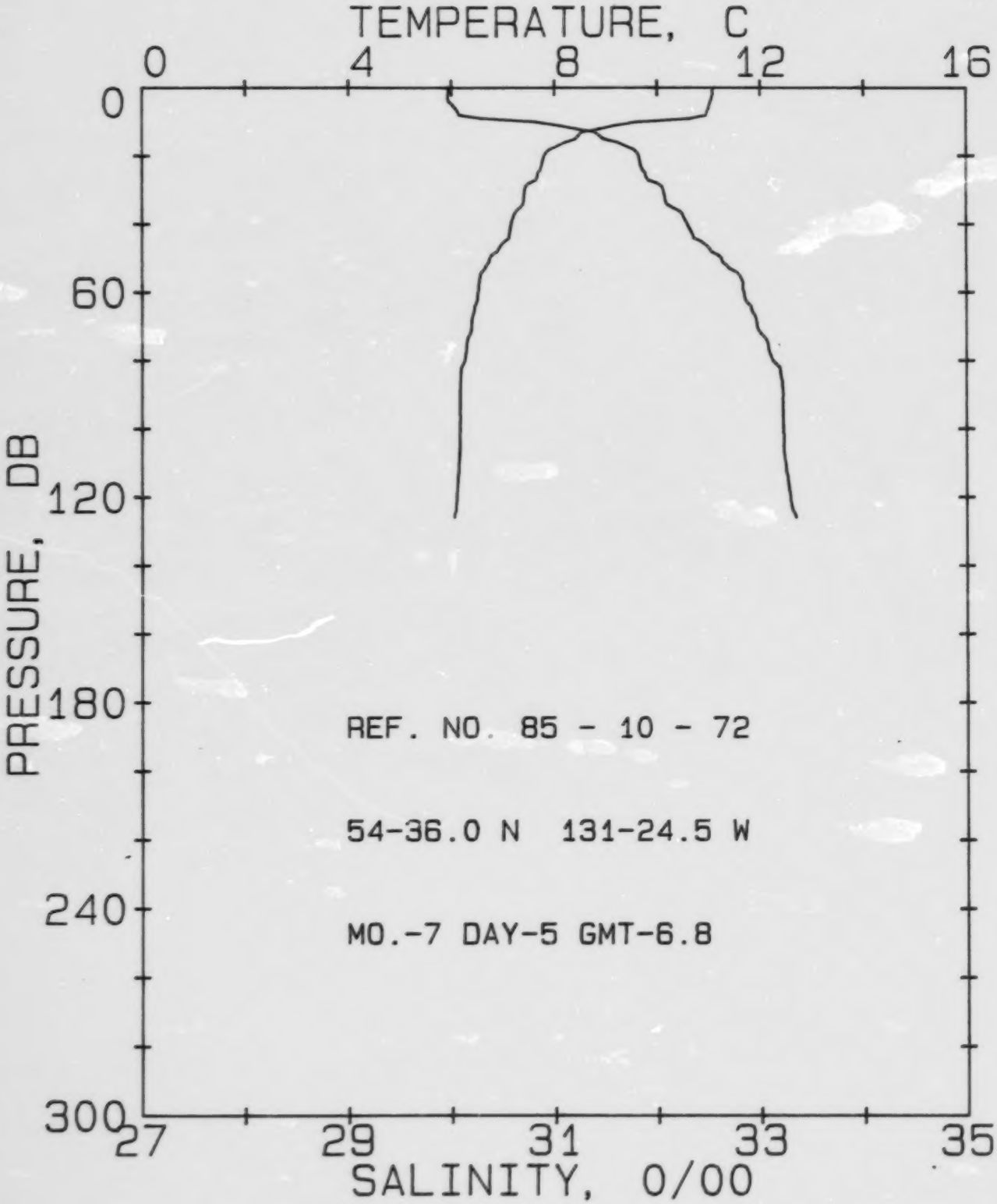
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 70 DATE 5/ 7/85
POSITION 54-29.5N, 131-19.3W GMT 5.5 STATION Q145
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.45	29.49	0	22.45	540.3	.00	.00	1489.
10	10.89	30.49	10	23.31	457.5	.53	.03	1488.
20	8.79	31.33	20	24.31	362.8	.94	.09	1481.
30	7.67	31.80	30	24.84	312.7	1.27	.17	1478.
50	7.10	32.36	50	25.35	263.6	1.83	.40	1477.
75	6.41	32.89	75	25.86	215.7	2.41	.77	1475.
100	6.25	33.08	99	26.03	199.8	2.94	1.23	1475.
DEEPEST MEASUREMENT:								
121	6.09	33.28	120	26.21	183.3	3.34	1.68	1475.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 71
54-34.5 N 131-19.0 W
MO.-7 DAY-5 GMT-6.2
27
29
31
33
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 71 DATE 5/ 7/85
POSITION 54-34.5N, 131-19.0W GMT 6.2 STATION Q146
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.03	29.86	0	22.80	506.4	.00	.00	1488.
10	10.08	30.65	10	23.57	432.9	.48	.02	1485.
20	8.37	31.47	20	24.48	346.7	.87	.08	1480.
30	7.80	31.85	30	24.86	310.5	1.19	.16	1479.
50	7.12	32.28	50	25.29	269.9	1.78	.40	1477.
75	6.55	32.82	75	25.78	223.0	2.39	.79	1476.
100	6.25	33.15	99	26.08	195.0	2.92	1.25	1475.
DEEPEST MEASUREMENT:								
111	6.15	33.25	110	26.18	186.1	3.13	1.48	1475.

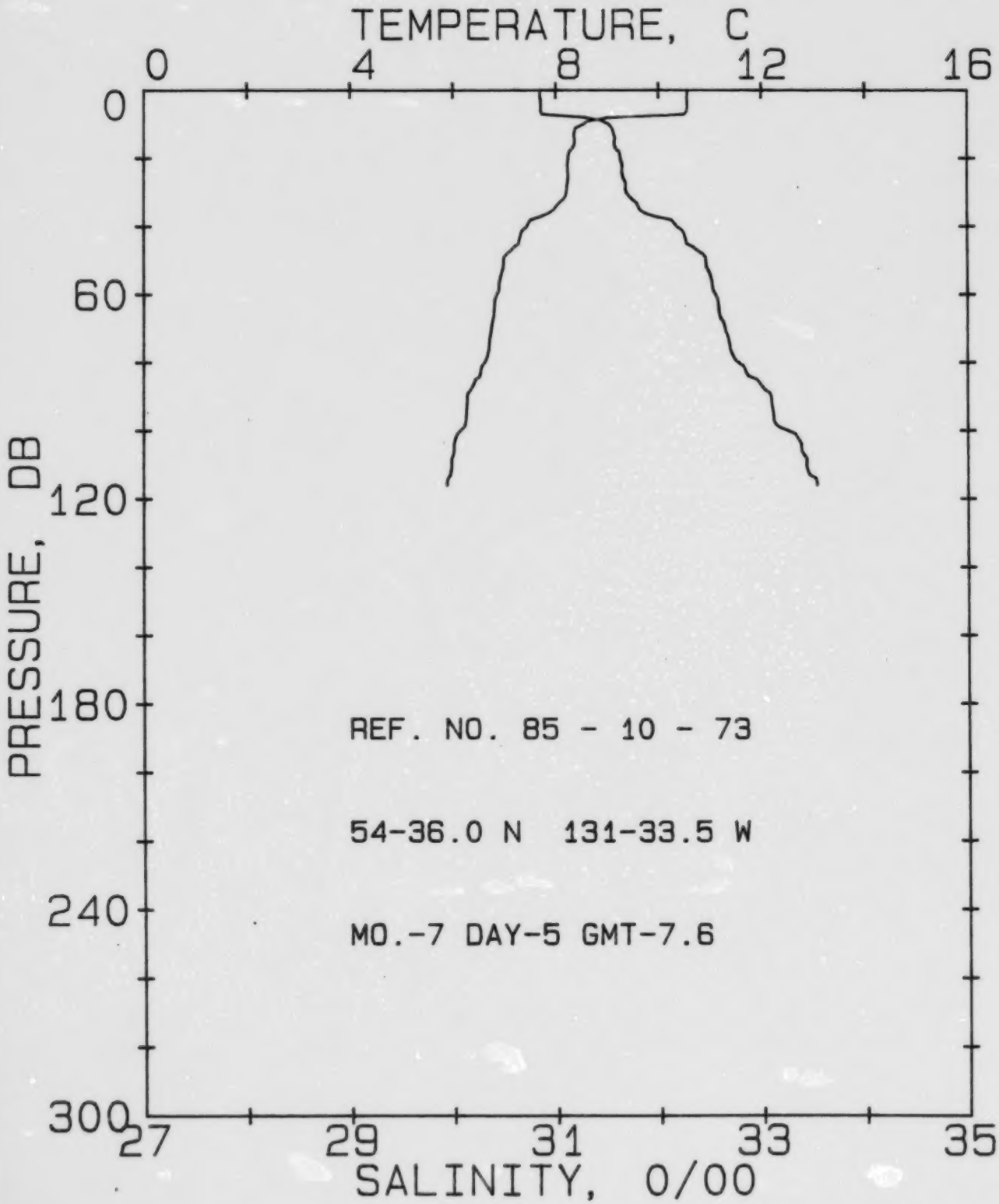

TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 72
54-36.0 N 131-24.5 W
MO.-7 DAY-5 GMT-6.8
27
29
31
33
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 72 DATE 5/ 7/85
POSITION 54-36.0N, 131-24.5W GMT 6.8 STATION Q147
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.09	29.97	0	22.88	499.0	.00	.00	1488.
10	9.57	30.81	10	23.78	412.8	.49	.02	1484.
20	7.80	31.82	20	24.84	312.6	.84	.08	1478.
30	7.43	32.06	30	25.07	290.2	1.14	.15	1477.
50	6.75	32.63	50	25.61	239.4	1.68	.37	1476.
75	6.30	33.07	75	26.02	200.8	2.22	.72	1475.
100	6.17	33.22	99	26.15	188.4	2.70	1.14	1475.
125	6.06	33.33	124	26.25	179.3	3.17	1.67	1475.

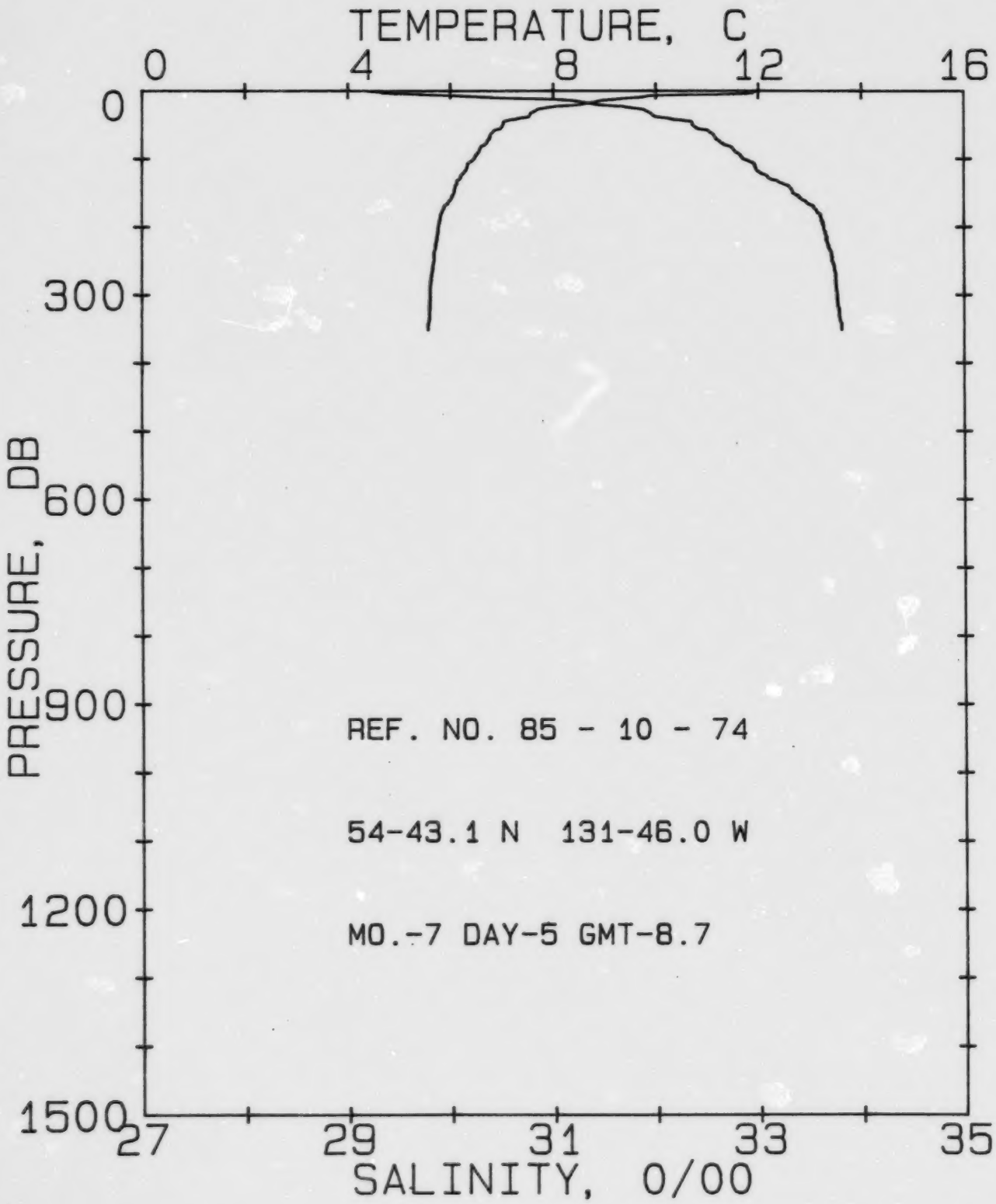
DEEPEST MEASUREMENT:

126	6.06	33.34	125	26.26	178.5	3.18	1.70	1475.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 73
54-36.0 N 131-33.5 W
MO.-7 DAY-5 GMT-7.6
27
29
31
33
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 73 DATE 5/ 7/85
POSITION 54-36.0N, 131-33.5W GMT 7.6 STATION Q148
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.57	30.85	0	23.65	425.6	.00	.00	1487.
10	8.54	31.52	10	24.49	345.1	.41	.02	1481.
20	8.25	31.63	20	24.62	333.0	.75	.07	1480.
30	8.21	31.69	30	24.67	328.4	1.08	.16	1480.
50	6.99	32.46	50	25.45	254.7	1.65	.39	1476.
75	6.70	32.69	75	25.67	234.2	2.27	.78	1476.
100	6.13	33.25	99	26.18	185.8	2.79	1.24	1475.
DEEPEST MEASUREMENT:								
116	5.88	33.53	115	26.43	161.9	3.07	1.55	1475.

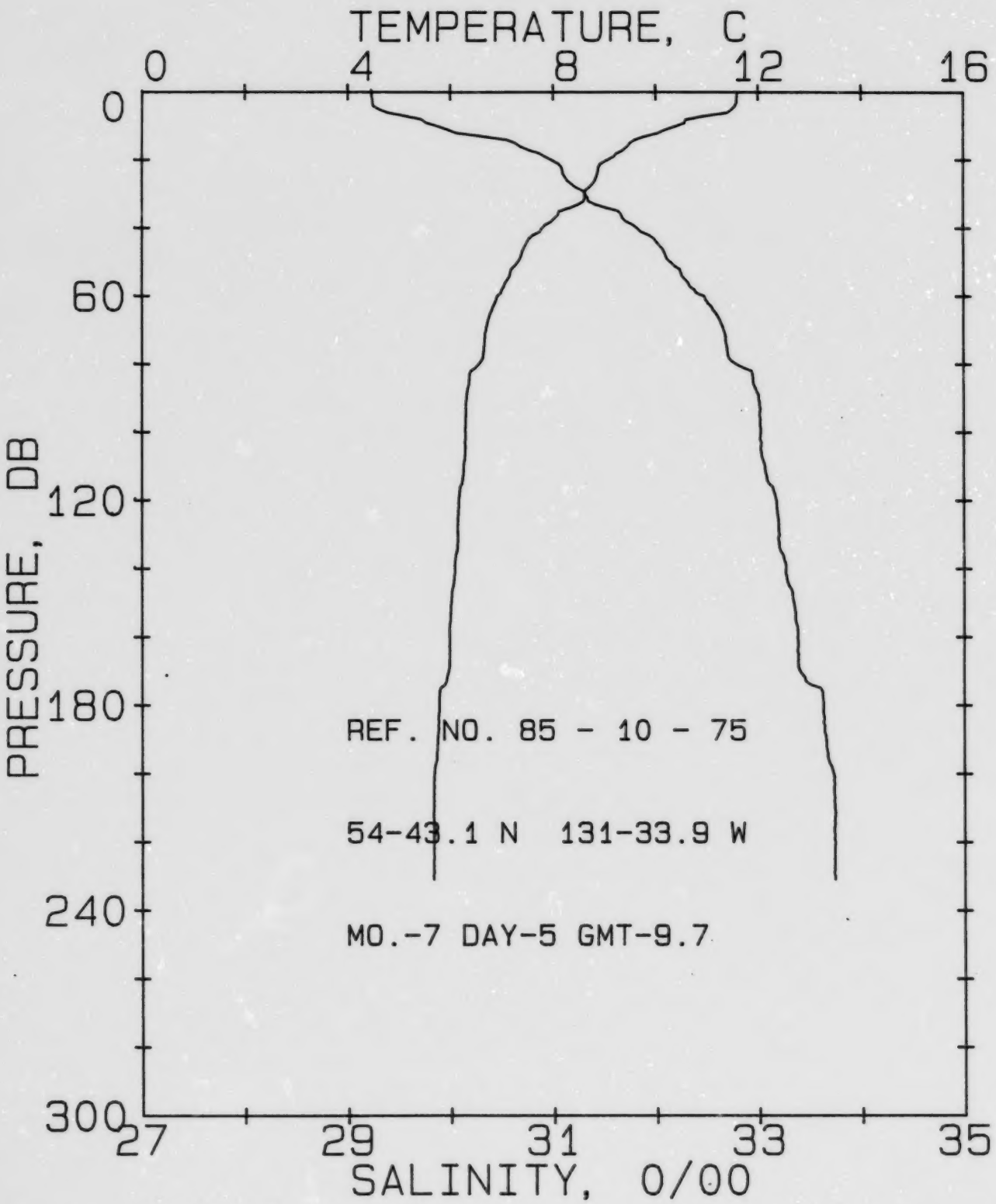

TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 74
54-43.1 N 131-46.0 W
MO.-7 DAY-5 GMT-8.7
27
29
31
33
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 74 DATE 5/ 7/85
POSITION 54-43.1N, 131-46.0W GMT 8.7 STATION Q121
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.96	29.16	0	22.10	573.3	.00	.00	1490.
10	9.65	30.40	10	23.45	444.5	.52	.03	1483.
20	8.54	31.42	20	24.42	352.6	.90	.08	1481.
30	7.63	31.92	30	24.94	303.2	1.22	.16	1478.
50	7.03	32.36	50	25.36	262.8	1.79	.39	1476.
75	6.71	32.63	75	25.62	238.9	2.41	.79	1476.
100	6.46	32.86	99	25.83	219.3	2.98	1.29	1476.
125	6.20	33.09	124	26.04	199.0	3.50	1.89	1475.
150	6.07	33.34	149	26.25	179.3	3.96	2.54	1476.
175	5.85	33.56	174	26.46	159.9	4.39	3.24	1475.
200	5.76	33.64	199	26.53	153.7	4.78	3.99	1476.
225	5.71	33.68	223	26.57	150.6	5.16	4.81	1476.
250	5.68	33.71	248	26.60	147.9	5.53	5.71	1476.
300	5.60	33.76	298	26.65	143.7	6.25	7.74	1477.

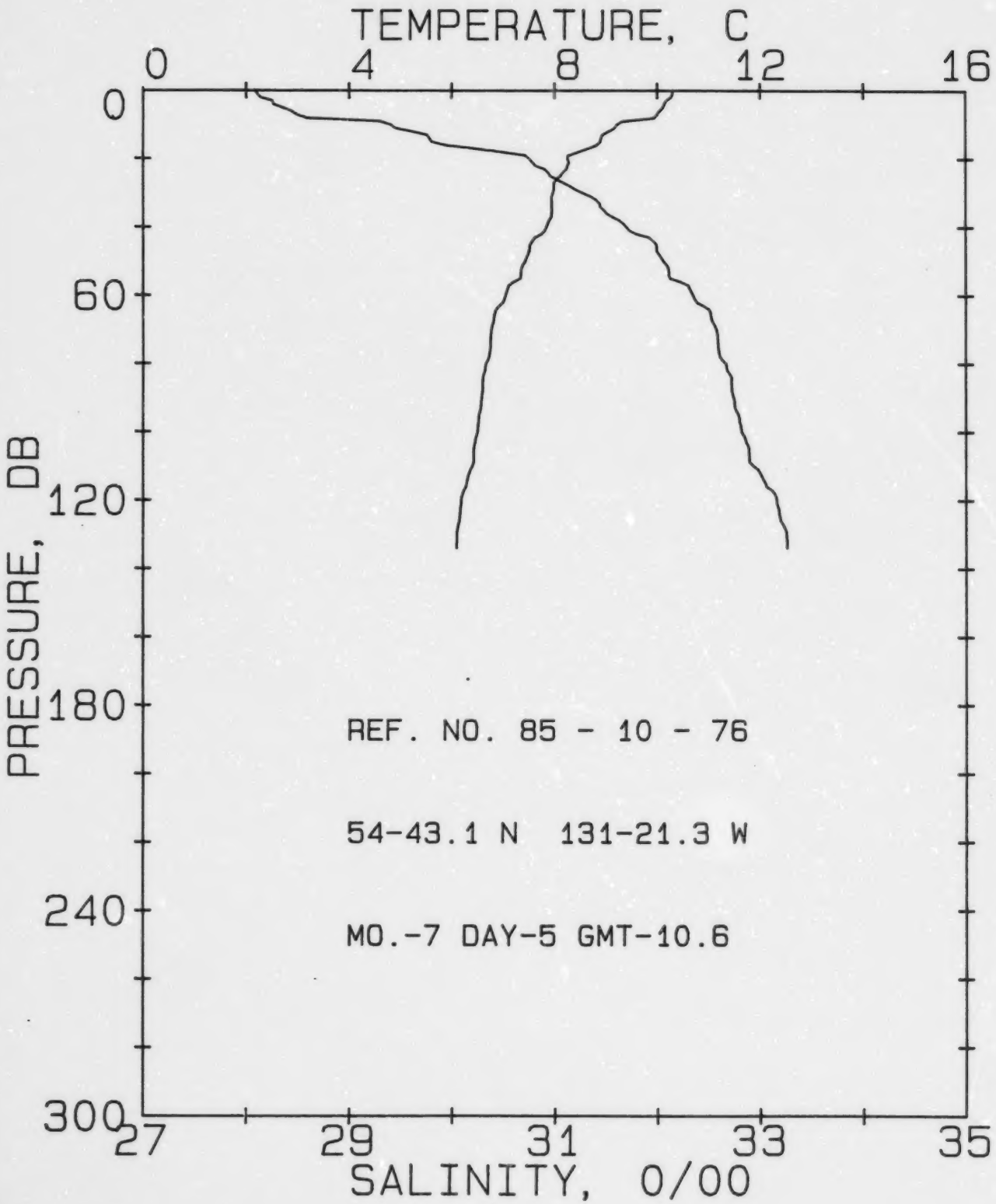
DEEPEST MEASUREMENT:

351	5.56	33.81	348	26.69	140.3	6.98	10.14	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 75
54-43.1 N 131-33.9 W
MO.-7 DAY-5 GMT-9.7
27
29
31
33
35
SALINITY, 0/00

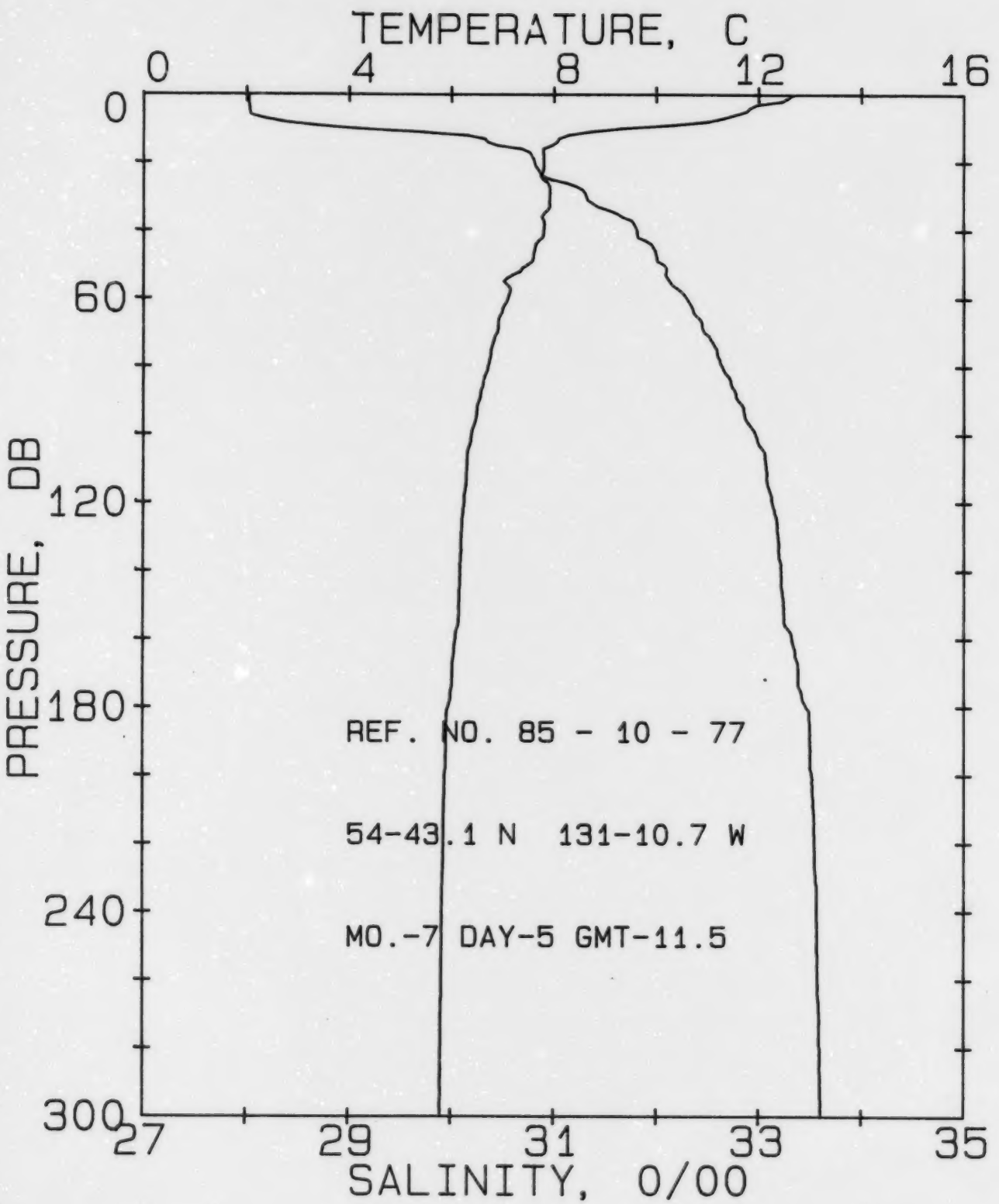
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 75 DATE 5/ 7/85
POSITION 54-43.1N, 131-33.9W GMT 9.7 STATION Q123
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.60	29.23	0	22.22	561.9	.00	.00	1489.
10	10.39	29.88	10	22.93	494.4	.54	.03	1485.
20	9.05	30.99	20	24.00	392.0	.98	.09	1482.
30	8.63	31.32	30	24.32	362.0	1.35	.19	1481.
50	7.31	32.15	50	25.16	282.2	1.99	.44	1477.
75	6.66	32.70	75	25.68	233.2	2.62	.84	1476.
100	6.29	33.02	99	25.98	204.7	3.15	1.31	1475.
125	6.14	33.19	124	26.13	190.6	3.64	1.88	1475.
150	6.01	33.34	149	26.27	178.1	4.11	2.53	1475.
175	5.79	33.60	174	26.49	156.7	4.54	3.25	1475.
200	5.67	33.72	199	26.61	146.1	4.93	3.98	1475.
225	5.66	33.73	223	26.62	145.6	5.29	4.77	1476.
DEEPEST MEASUREMENT:								
231	5.65	33.74	229	26.62	145.4	5.38	4.97	1476.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 76
54-43.1 N 131-21.3 W
MO.-7 DAY-5 GMT-10.6
27
29
31
33
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 76 DATE 5/ 7/85
POSITION 54-43.1N, 131-21.3W GMT 10.6 STATION G125
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.30	28.09	0	21.55	626.2	.00	.00	1483.
10	9.22	29.41	10	22.75	511.8	.59	.03	1481.
20	8.25	30.76	20	23.94	398.2	1.06	.10	1479.
30	7.96	31.27	30	24.38	356.0	1.43	.20	1478.
50	7.43	32.06	50	25.07	290.2	2.08	.45	1478.
75	6.75	32.59	75	25.58	242.1	2.73	.87	1476.
100	6.50	32.82	99	25.79	222.3	3.30	1.38	1476.
125	6.15	33.19	124	26.13	190.7	3.82	1.97	1475.
DEEPEST MEASUREMENT:								
134	6.09	33.26	133	26.19	184.9	3.99	2.19	1475.

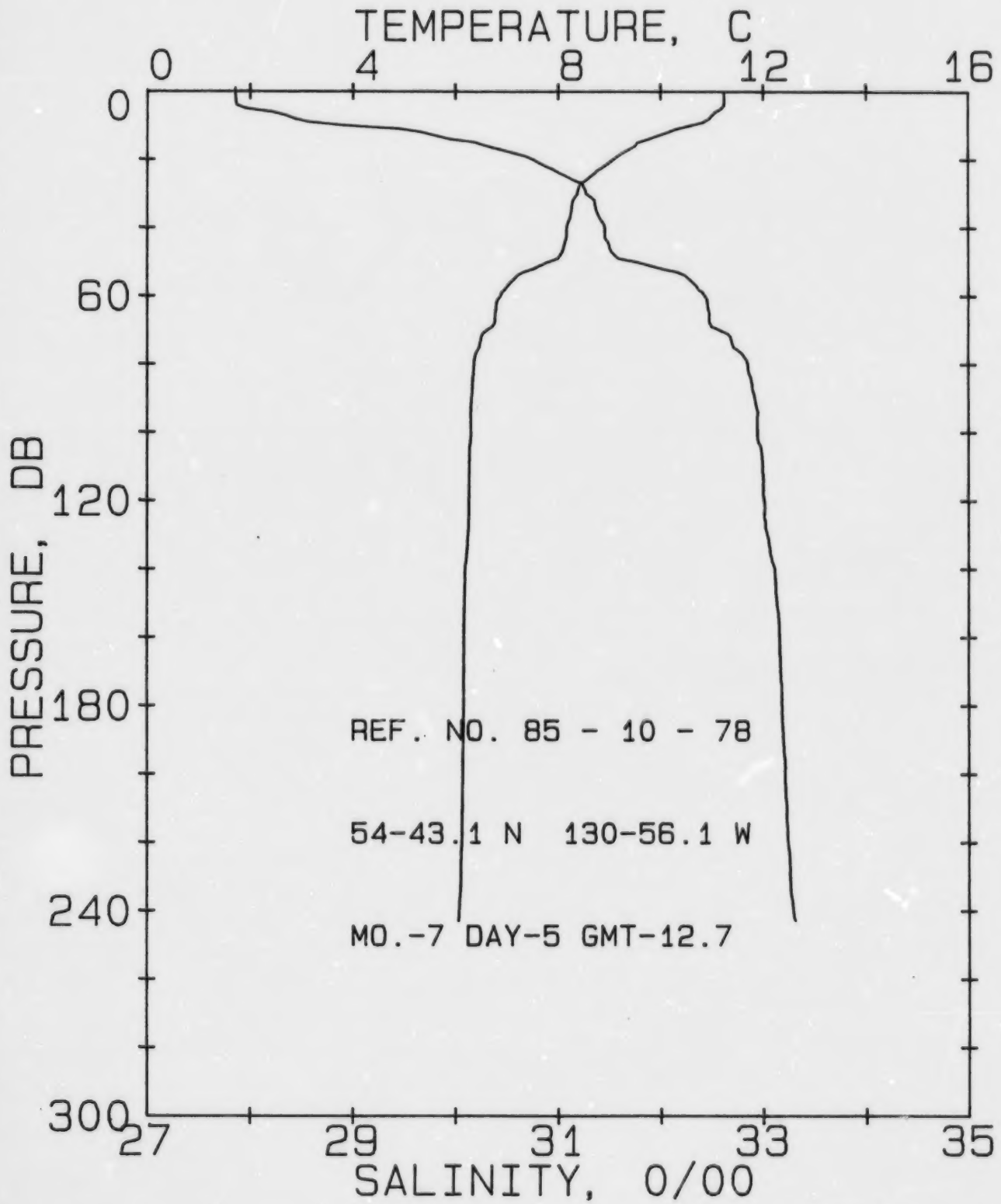

TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 77
54-43.1 N 131-10.7 W
MO.-7 DAY-5 GMT-11.5
27
29
31
33
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 77 DATE 5/ 7/85
POSITION 54-43.1N, 131-10.7W GMT 11.5 STATION Q127
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.68	28.02	0	21.09	670.1	.00	.00	1491.
10	9.34	29.06	10	22.46	539.4	.64	.03	1481.
20	7.80	30.81	20	24.04	388.1	1.06	.10	1477.
30	7.91	31.31	30	24.42	352.2	1.43	.19	1478.
50	7.49	32.07	50	25.07	290.4	2.07	.45	1478.
75	6.77	32.59	75	25.58	242.4	2.73	.87	1476.
100	6.39	32.97	99	25.92	210.1	3.30	1.37	1476.
125	6.20	33.17	124	26.11	192.8	3.80	1.94	1476.
150	6.14	33.24	149	26.17	187.5	4.28	2.61	1476.
175	5.99	33.40	174	26.32	173.6	4.73	3.35	1476.
200	5.87	33.51	199	26.42	164.3	5.14	4.15	1476.
225	5.85	33.55	223	26.45	161.9	5.55	5.03	1476.
250	5.82	33.57	248	26.47	160.3	5.95	6.00	1477.
300	5.79	33.60	298	26.50	157.9	6.75	8.23	1477.

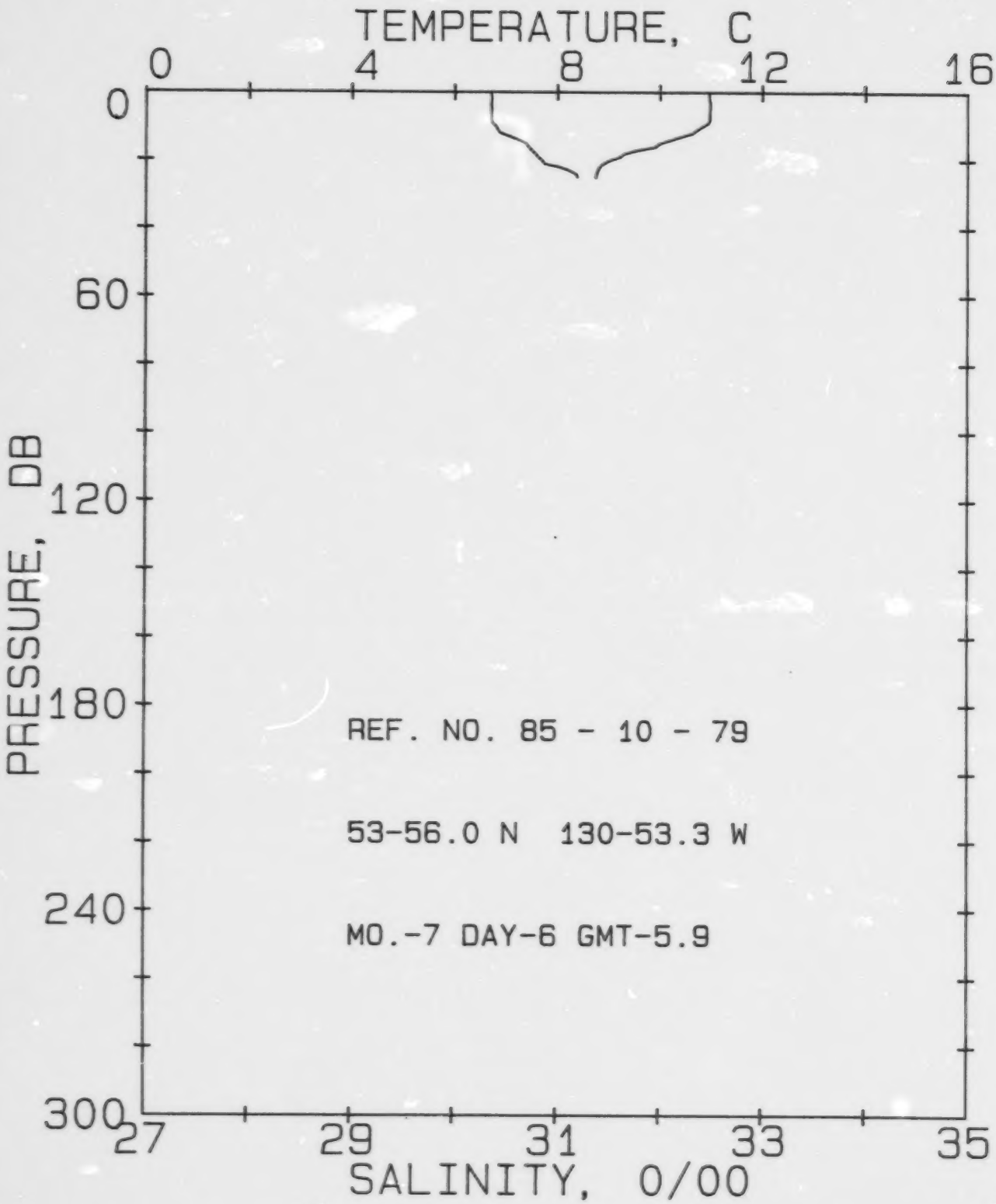
DEEPEST MEASUREMENT:

302	5.79	33.60	300	26.50	158.0	6.78	8.33	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 78
54-43.1 N 130-56.1 W
MO.-7 DAY-5 GMT-12.7
27
29
31
33
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 78 DATE 5/ 7/85
POSITION 54-43.1N, 130-56.1W GMT 12.7 STATION Q129
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.25	27.86	0	21.22	657.7	.00	.00	1486.
10	10.56	28.92	10	22.15	568.7	.63	.03	1485.
20	9.06	30.76	20	23.82	409.4	1.10	.10	1482.
30	8.37	31.27	30	24.32	361.5	1.48	.20	1480.
50	7.79	31.76	50	24.79	317.6	2.18	.48	1479.
75	6.46	32.71	75	25.71	229.9	2.82	.89	1475.
100	6.29	32.94	99	25.92	210.6	3.36	1.36	1475.
125	6.25	33.01	124	25.98	205.5	3.87	1.96	1475.
150	6.16	33.13	149	26.08	195.6	4.37	2.66	1476.
175	6.15	33.18	174	26.12	192.3	4.86	3.46	1476.
200	6.13	33.21	199	26.15	190.1	5.34	4.37	1476.
225	6.10	33.25	223	26.18	186.8	5.81	5.39	1477.
DEEPEST MEASUREMENT:								
243	6.05	33.31	241	26.23	182.3	6.14	6.18	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 79
53-56.0 N 130-53.3 W
MO.-7 DAY-6 GMT-5.9
27
29
31
33
35
SALINITY, 0/00

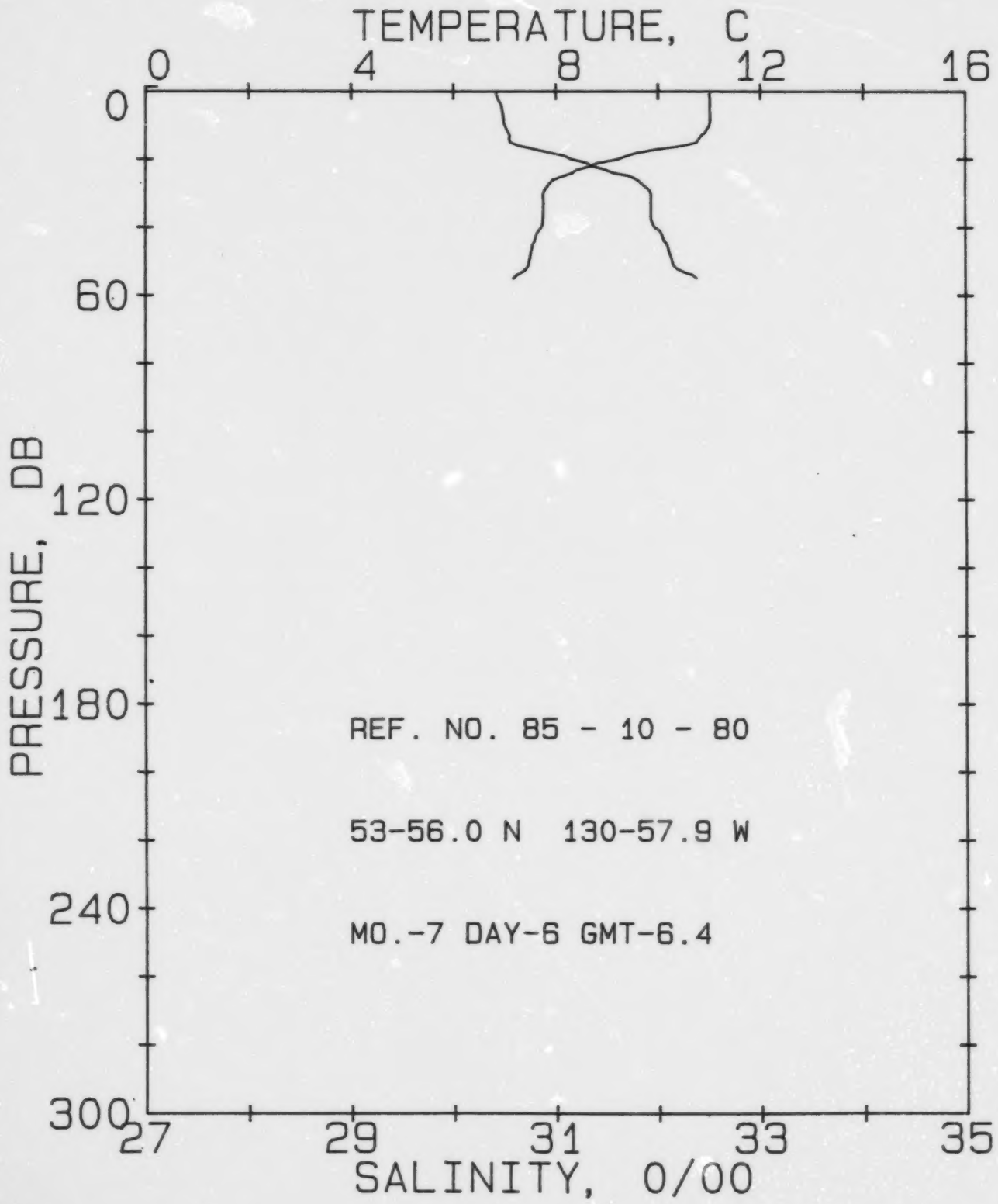
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 79 DATE 6/ 7/85
POSITION 53-56.0N, 130-53.3W GMT 5.9 STATION R 1
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.97	30.35	0	23.20	468.7	.00	.00	1488.
10	10.84	30.40	10	23.26	463.1	.47	.02	1488.
20	9.02	30.85	20	23.90	402.1	.90	.09	1482.

DEEPEST MEASUREMENT:

25	8.75	31.19	25	24.21	372.7	1.09	.13	1481.

PRES	DEPTH	TEMP	SAL	PRES	DEPTH	TEMP	SAL
0.		10.97	30.35	13.		10.41	30.54
1.		10.97	30.36	14.		10.20	30.62
2.		10.97	30.36	15.		10.00	30.69
3.		10.98	30.36	16.		9.91	30.72
4.		10.99	30.36	17.		9.55	30.75
5.		10.98	30.36	18.		9.31	30.79
6.		10.97	30.35	19.		9.22	30.81
7.		10.98	30.36	20.		9.02	30.85
8.		10.98	30.36	21.		8.89	30.87
9.		10.95	30.37	22.		8.82	31.02
10.		10.84	30.40	23.		8.79	31.12
11.		10.73	30.42	24.		8.76	31.18
12.		10.64	30.45	25.		8.75	31.19


TEMPERATURE, C
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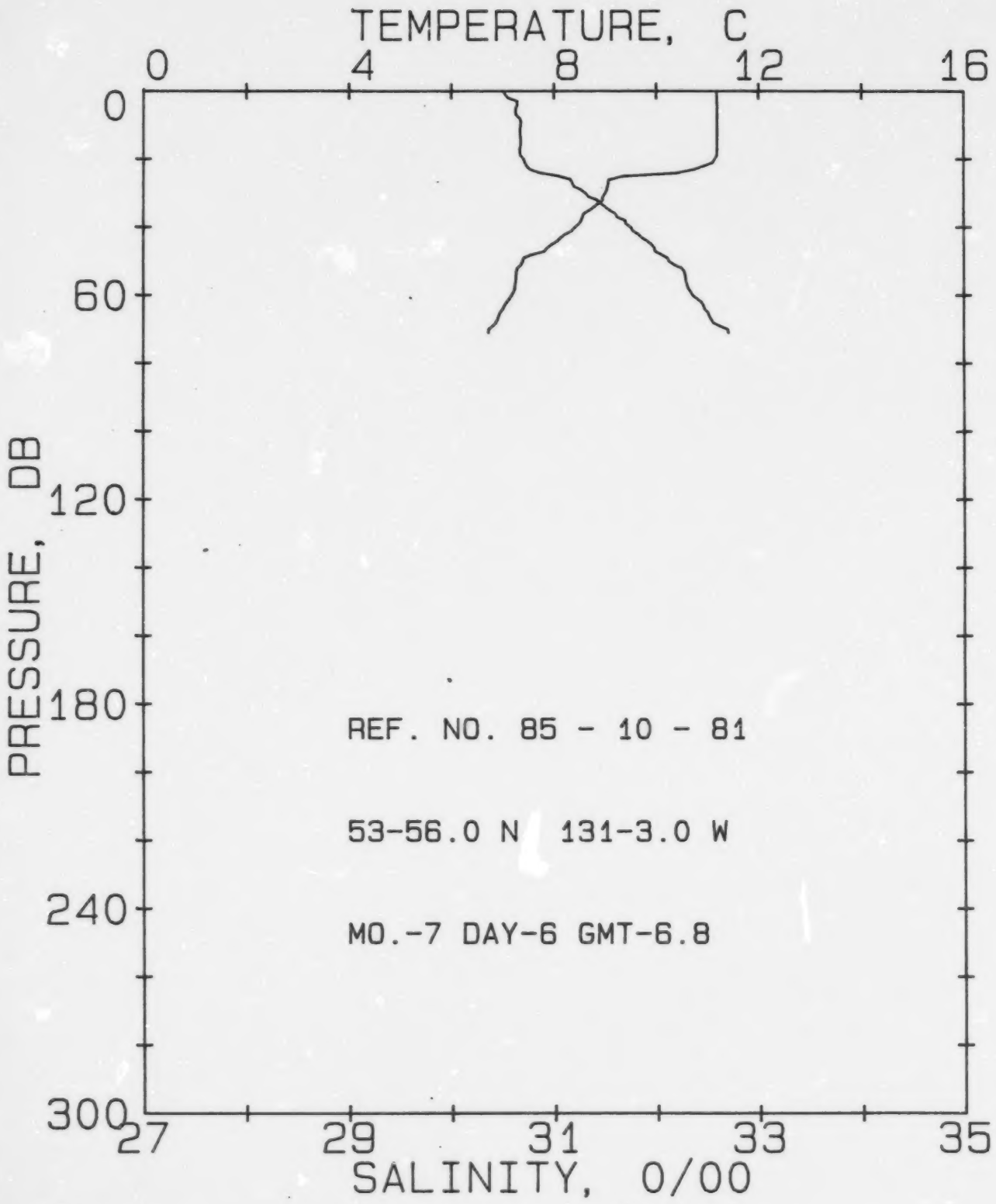
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 80
53-56.0 N 130-57.9 W
MO.-7 DAY-6 GMT-6.4
27
29
31
33
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 80 DATE 6/ 7/85
POSITION 53-56.0N, 130-57.9W GMT 6.4 STATION R 2
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.03	30.42	0	23.24	464.7	.00	.00	1488.
10	11.01	30.51	10	23.31	458.2	.46	.02	1488.
20	9.19	31.15	20	24.11	381.9	.90	.09	1483.
30	7.75	31.93	30	24.93	304.0	1.23	.17	1478.
50	7.48	32.14	50	25.13	285.1	1.82	.41	1478.

DEEPEST MEASUREMENT:

55	7.17	32.38	55	25.36	263.5	1.96	.49	1477.


TEMPERATURE, C
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12
16
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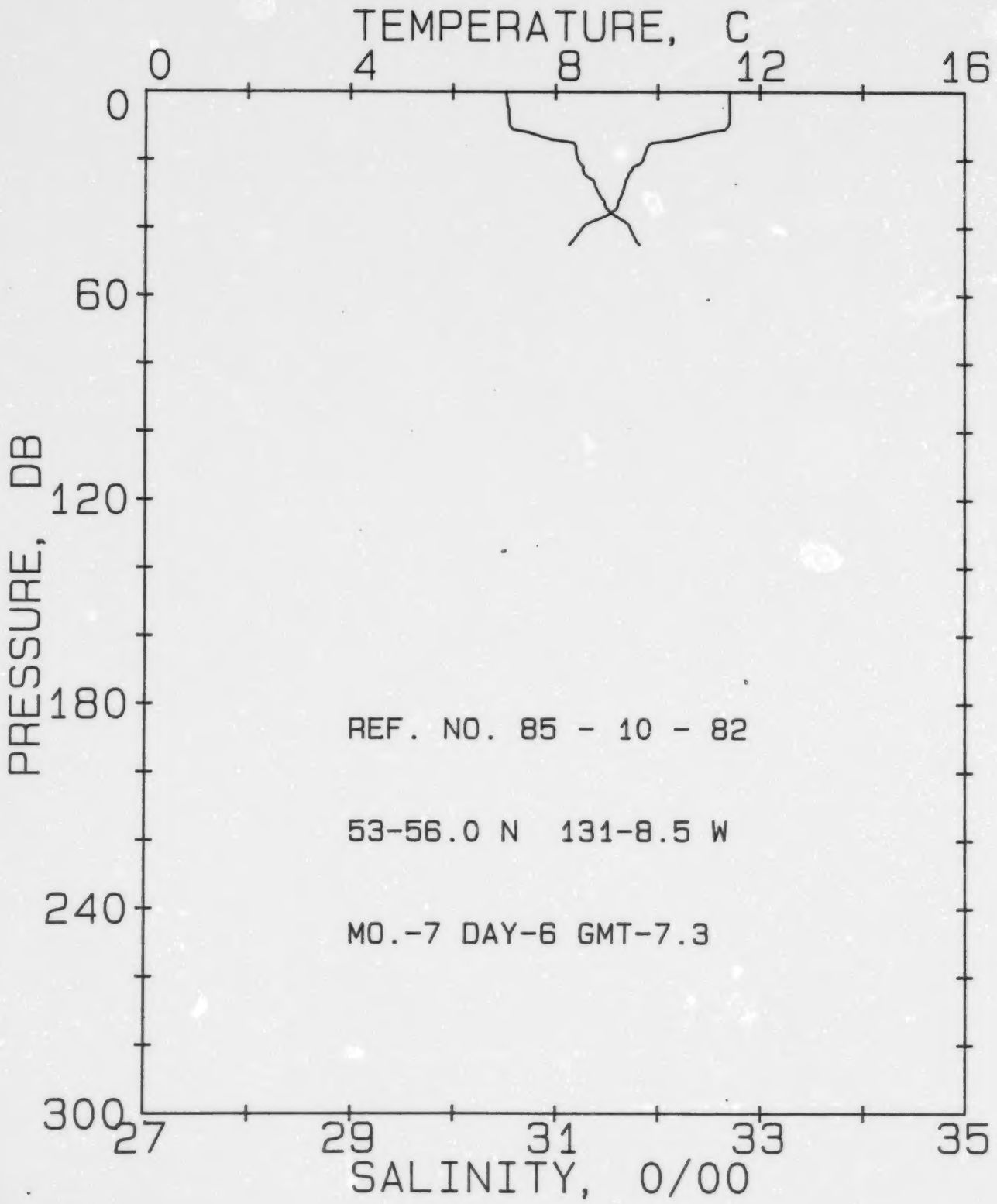
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 81
53-56.0 N 131-3.0 W
MO.-7 DAY-6 GMT-6.8
27
29
31
33
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 81 DATE 6/ 7/85
POSITION 53-56.0N, 131- 3.0W GMT 6.8 STATION R 3
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.19	30.50	0	23.27	461.3	.00	.00	1489.
10	11.20	30.68	10	23.41	448.7	.45	.02	1489.
20	11.15	30.71	20	23.44	445.7	.90	.09	1489.
30	9.00	31.31	30	24.26	367.6	1.31	.19	1482.
50	7.39	32.13	50	25.13	285.0	1.96	.46	1478.
DEEPEST MEASUREMENT:								
71	6.71	32.70	71	25.67	233.4	2.50	.79	1476.


TEMPERATURE, C
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4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 82
53-56.0 N 131-8.5 W
MO.-7 DAY-6 GMT-7.3
27
29
31
33
35
SALINITY, 0/00

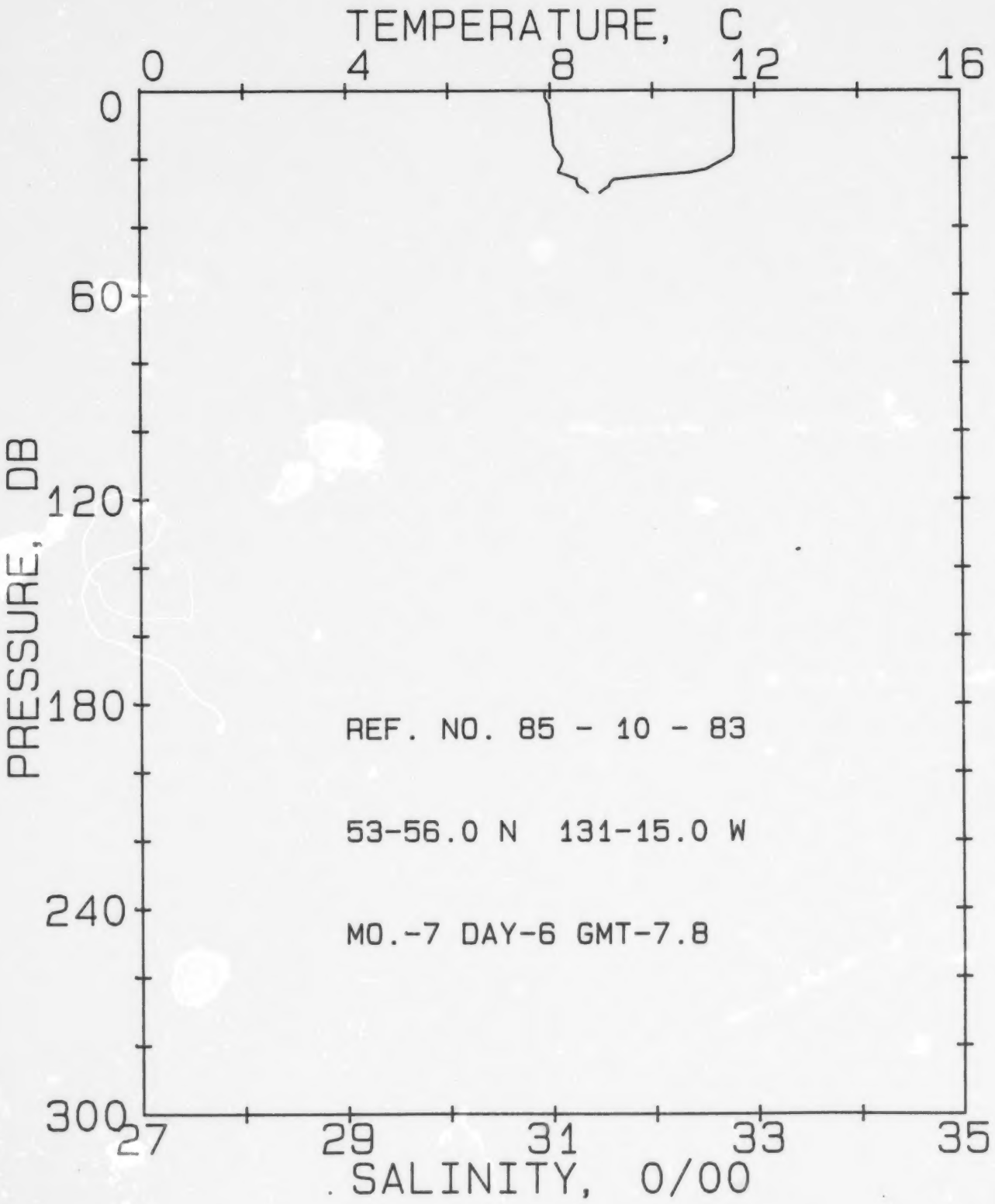
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 82 DATE 6/ 7/85
POSITION 53-56.0N, 131- 8.5W GMT 7.3 STATION R 4
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.41	30.52	0	23.25	463.7	.00	.00	1490.
10	11.39	30.56	10	23.28	460.8	.46	.02	1490.
20	9.71	31.22	20	24.07	385.1	.87	.09	1485.
30	9.30	31.42	30	24.30	363.7	1.25	.18	1484.

DEEPEST MEASUREMENT:

45	8.25	31.82	45	24.77	319.3	1.76	.37	1481.

PRES	DEPTH	TEMP	SAL	PRES	DEPTH	TEMP	SAL
0.		11.41	30.52	23.		9.49	31.26
1.		11.41	30.52	24.		9.43	31.28
2.		11.41	30.53	25.		9.41	31.31
3.		11.41	30.53	26.		9.37	31.37
4.		11.41	30.53	27.		9.36	31.38
5.		11.41	30.54	28.		9.34	31.39
6.		11.41	30.54	29.		9.32	31.41
7.		11.41	30.54	30.		9.30	31.42
8.		11.41	30.55	31.		9.27	31.44
9.		11.41	30.55	32.		9.23	31.47
10.		11.39	30.56	33.		9.22	31.48
11.		11.32	30.58	34.		9.21	31.49
12.		10.92	30.74	35.		9.14	31.52
13.		10.66	30.85	36.		9.04	31.56
14.		10.38	30.96	37.		8.89	31.61
15.		9.87	31.18	38.		8.71	31.67
16.		9.80	31.20	39.		8.58	31.71
17.		9.78	31.20	40.		8.51	31.73
18.		9.75	31.20	41.		8.47	31.74
19.		9.73	31.21	42.		8.42	31.76
20.		9.71	31.22	43.		8.37	31.78
21.		9.66	31.24	44.		8.32	31.79
22.		9.52	31.27	45.		8.25	31.82


TEMPERATURE, C
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8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 83
53-56.0 N 131-15.0 W
MO.-7 DAY-6 GMT-7.8
27
29
31
33
35
SALINITY, 0/00

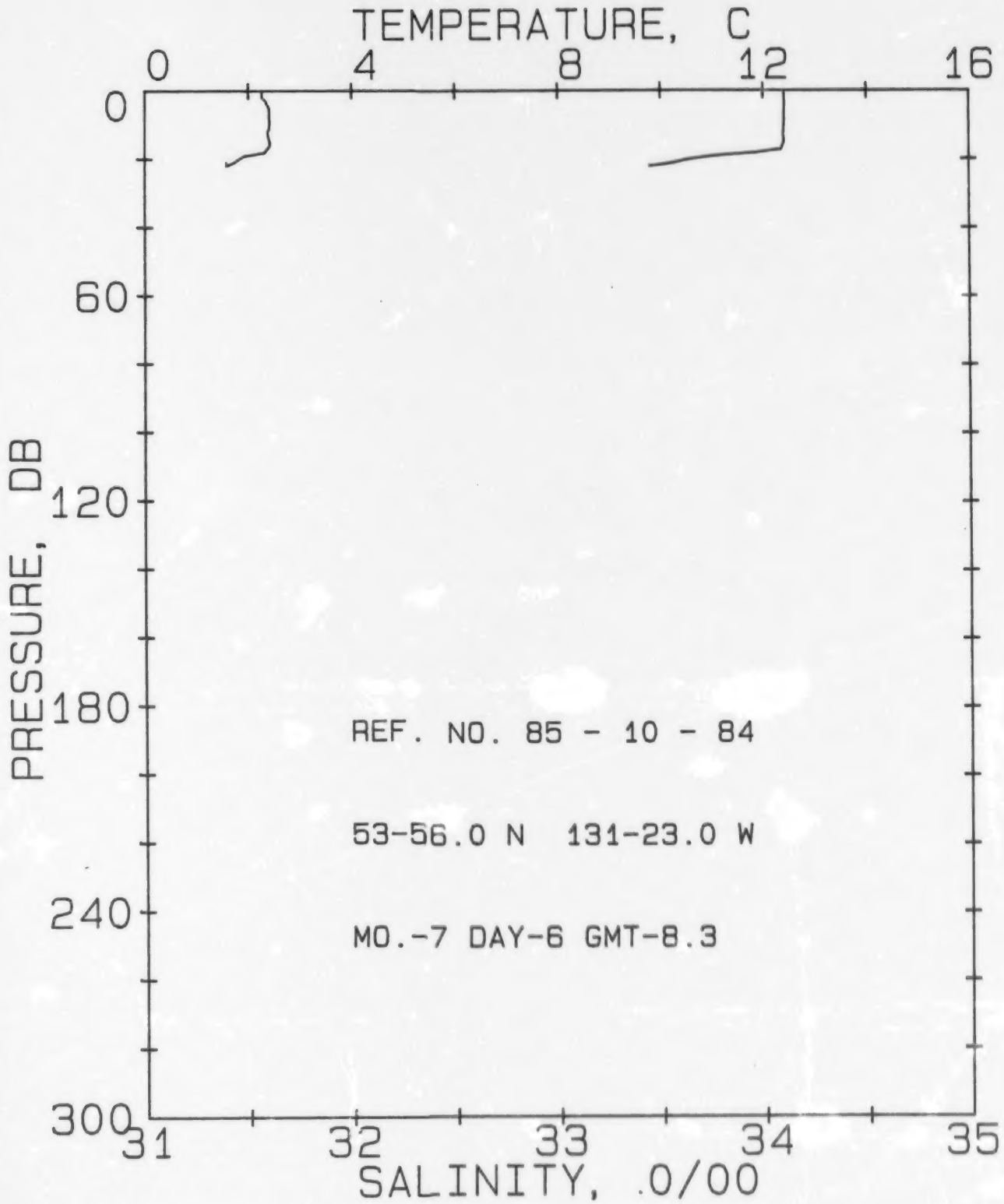
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 83 DATE 6/ 7/85
POSITION 53-56.0N, 131-15.0W GMT 7.8 STATION R 5
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.60	30.95	0	23.55	434.8	.00	.00	1491.
10	11.59	31.02	10	23.60	430.4	.43	.02	1491.
20	11.43	31.12	20	23.71	420.2	.86	.09	1491.
30	8.97	31.37	30	24.31	363.0	1.25	.19	1482.

DEEPEST MEASUREMENT:

30	8.97	31.37	30	24.31	363.0	1.25	.19	1482.

PRES	DEPTH	TEMP	SAL	PRES	DEPTH	TEMP	SAL
0.		11.60	30.95	16.		11.60	31.03
1.		11.60	30.95	17.		11.60	31.05
2.		11.60	30.95	18.		11.59	31.08
3.		11.60	30.97	19.		11.55	31.10
4.		11.60	31.00	20.		11.43	31.12
5.		11.60	30.99	21.		11.30	31.12
6.		11.60	31.00	22.		11.19	31.11
7.		11.60	31.00	23.		11.07	31.09
8.		11.60	31.01	24.		10.71	31.08
9.		11.60	31.01	25.		9.92	31.17
10.		11.59	31.02	26.		9.25	31.26
11.		11.60	31.01	27.		9.18	31.26
12.		11.60	31.02	28.		9.16	31.27
13.		11.60	31.02	29.		9.06	31.33
14.		11.60	31.03	30.		8.97	31.37
15.		11.60	31.03				


TEMPERATURE, C
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8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 84
53-56.0 N 131-23.0 W
MO.-7 DAY-6 GMT-8.3
31
32
33
34
35
SALINITY, .0/00

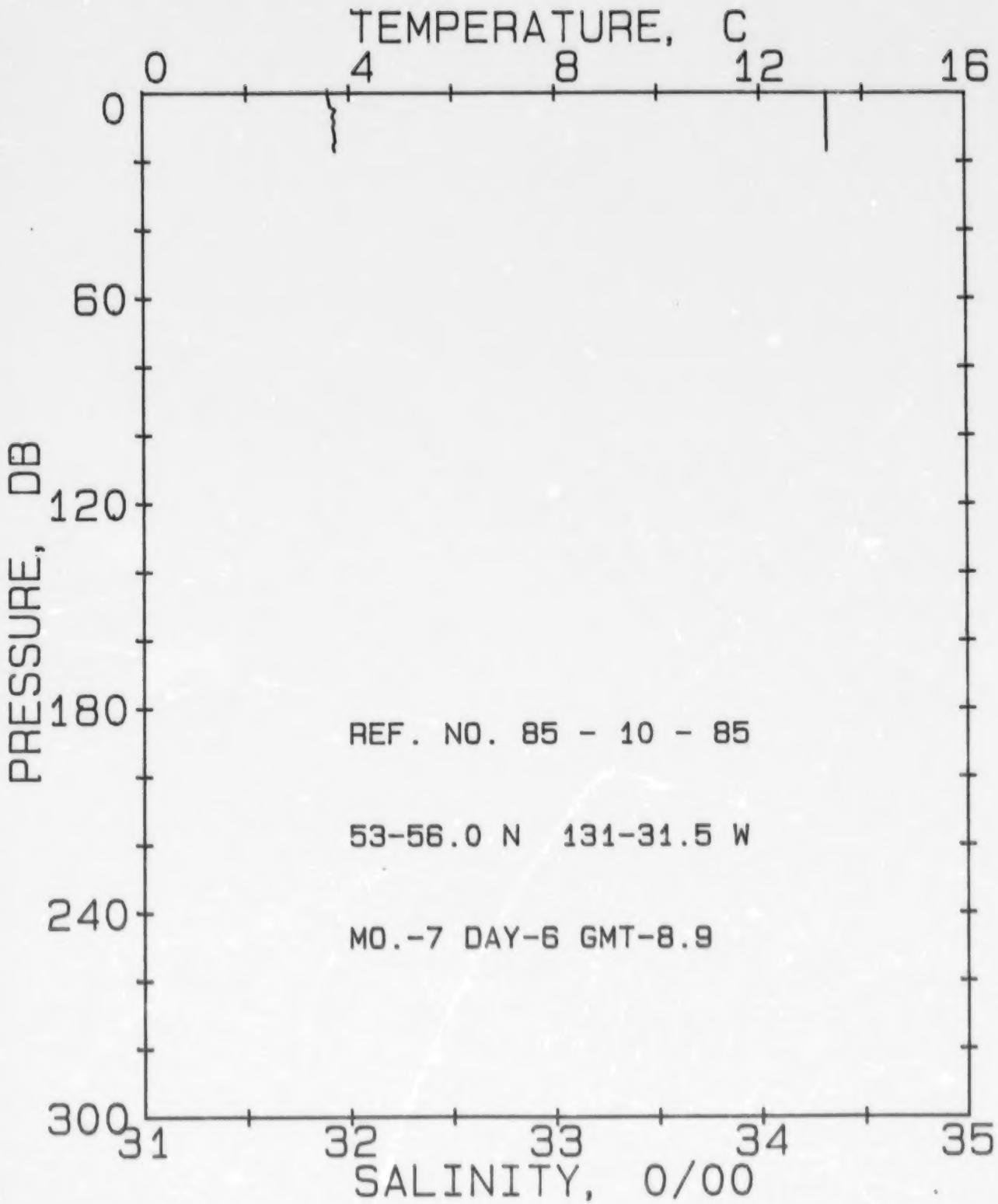
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 84 DATE 6/ 7/85
POSITION 53-56.0N, 131-23.0W GMT 8.3 STATION R 6
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.42	31.57	0	23.87	404.0	.00	.00	1495.
10	12.41	31.60	10	23.90	401.3	.40	.02	1495.
20	10.53	31.46	20	24.13	380.3	.80	.08	1488.

DEEPEST MEASUREMENT:

22	9.79	31.40	22	24.20	373.1	.88	.10	1485.

PRES	DEPTH	TEMP	SAL	PRES	DEPTH	TEMP	SAL
0.		12.42	31.57	12.		12.40	31.59
1.		12.42	31.57	13.		12.39	31.60
2.		12.42	31.57	14.		12.41	31.60
3.		12.42	31.59	15.		12.41	31.61
4.		12.42	31.59	16.		12.38	31.61
5.		12.42	31.60	17.		12.36	31.59
6.		12.42	31.60	18.		11.85	31.58
7.		12.42	31.60	19.		11.03	31.48
8.		12.41	31.60	20.		10.53	31.46
9.		12.41	31.61	21.		10.24	31.43
10.		12.41	31.60	22.		9.79	31.40
11.		12.40	31.60				


TEMPERATURE, C
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4
8
12
16
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60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 85
53-56.0 N 131-31.5 W
MO.-7 DAY-6 GMT-8.9
31
32
33
34
35
SALINITY, 0/00

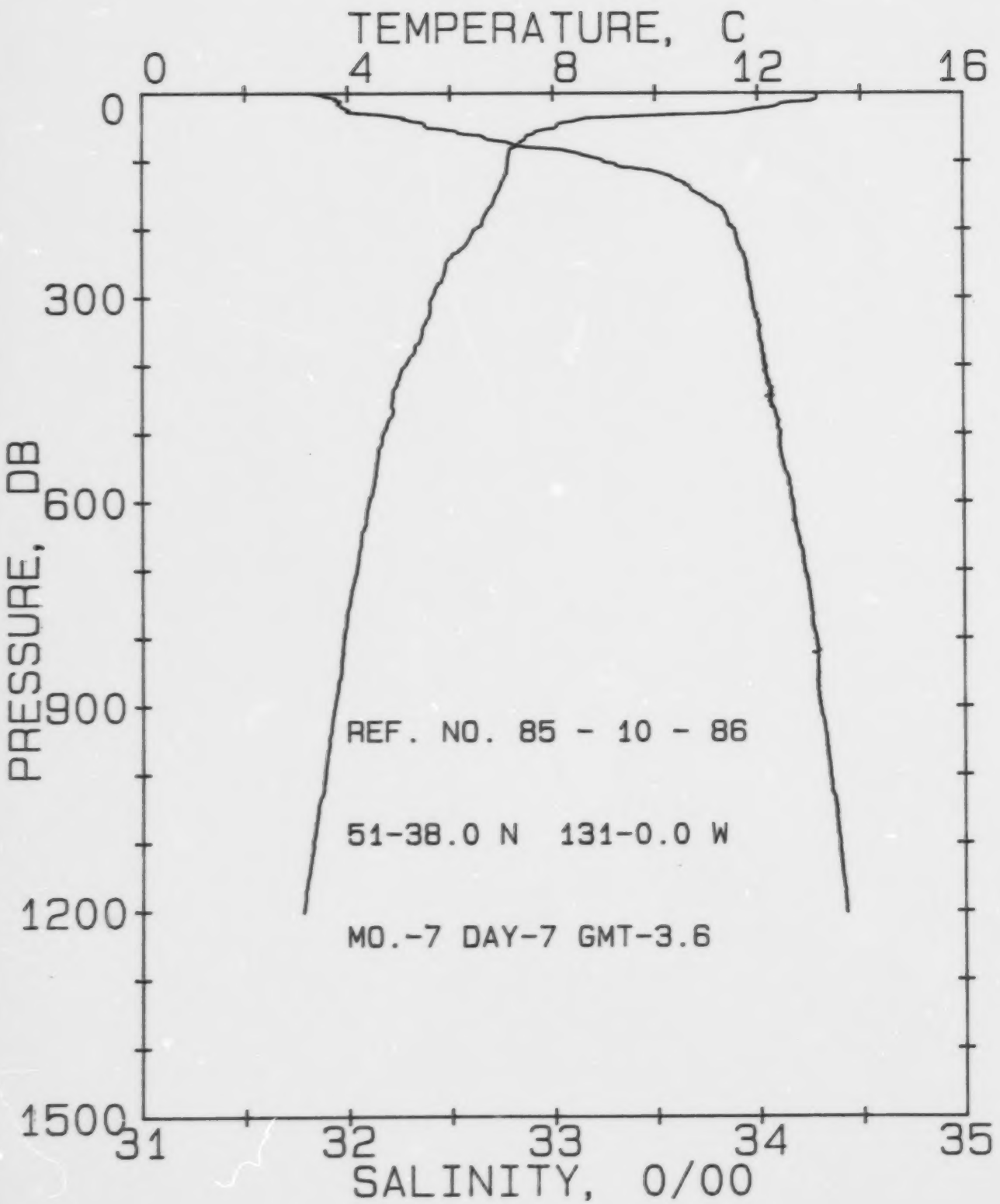
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 85 DATE 6/ 7/85
POSITION 53-56.0N, 131-31.5W GMT 8.9 STATION R 7
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.30	31.90	0	23.96	396.0	.00	.00	1498.
10	13.31	31.92	10	23.98	394.5	.39	.02	1498.

DEEPEST MEASUREMENT:

17	13.32	31.93	17	23.98	394.1	.67	.06	1498.

PRES	DEPTH	TEMP	SAL	PRES	DEPTH	TEMP	SAL
0.		13.30	31.90	9.		13.31	31.93
1.		13.30	31.90	10.		13.31	31.92
2.		13.31	31.90	11.		13.31	31.93
3.		13.31	31.91	12.		13.31	31.93
4.		13.31	31.91	13.		13.31	31.93
5.		13.31	31.94	14.		13.32	31.94
6.		13.31	31.92	15.		13.32	31.93
7.		13.31	31.92	16.		13.32	31.93
8.		13.31	31.93	17.		13.32	31.93

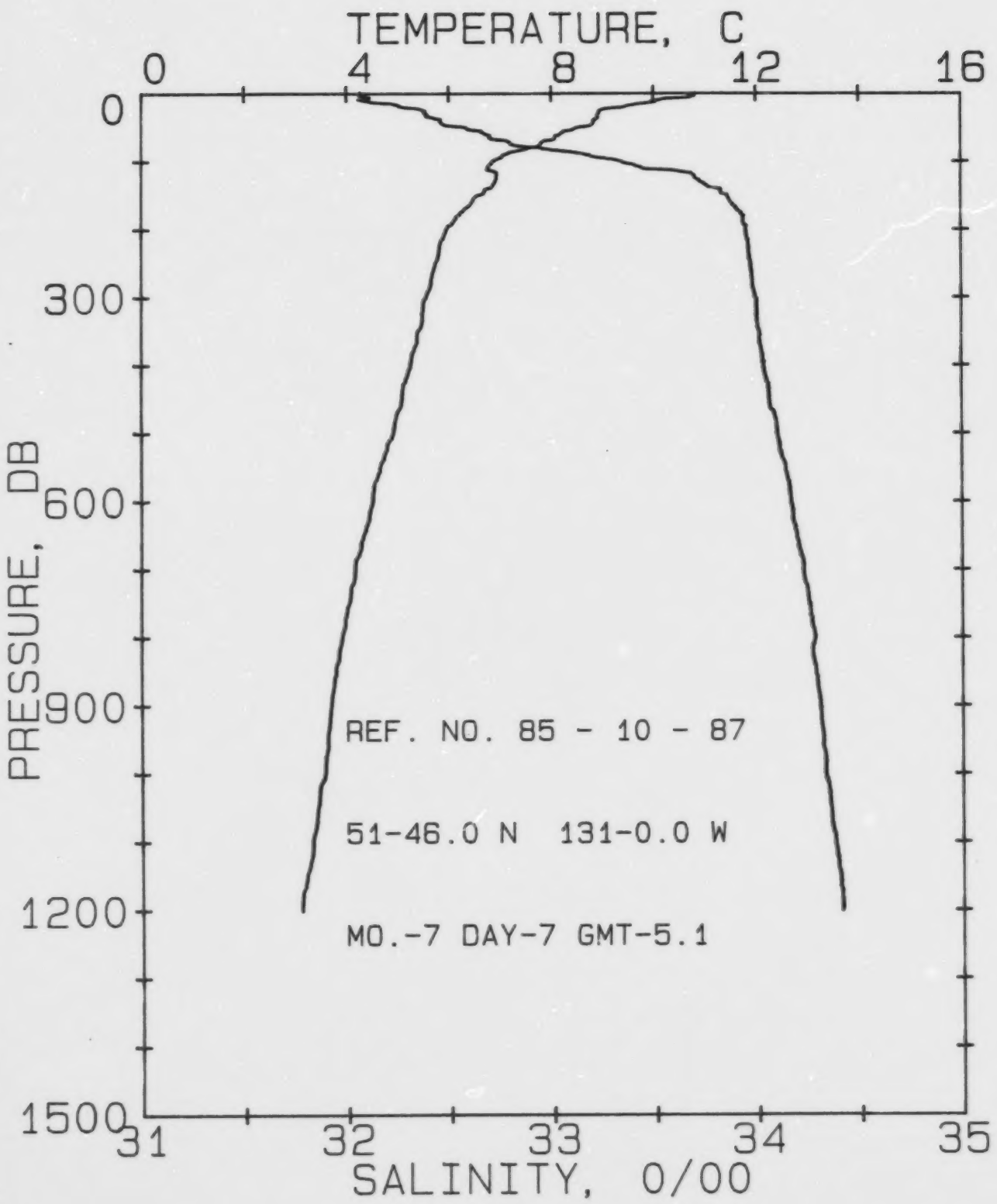

TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 86
51-38.0 N 131-0.0 W
MO.-7 DAY-7 GMT-3.6
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 86 DATE 7/ 7/85
POSITION 51-38.0N, 131- .0W GMT 3.6 STATION K 4
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.15	31.81	0	23.92	399.3	.00	.00	1497.
10	13.07	31.94	10	24.03	388.8	.39	.02	1497.
20	12.26	31.97	20	24.22	371.7	.77	.08	1495.
30	11.06	32.09	30	24.53	342.3	1.13	.17	1491.
50	8.06	32.39	50	25.24	274.7	1.71	.40	1481.
75	7.32	32.81	75	25.67	233.8	2.34	.80	1479.
100	7.13	33.25	99	26.04	198.9	2.87	1.27	1479.
125	7.05	33.59	124	26.32	172.8	3.33	1.80	1479.
150	6.89	33.73	149	26.45	160.6	3.75	2.38	1479.
175	6.71	33.84	174	26.57	150.1	4.14	3.03	1479.
200	6.47	33.89	199	26.64	143.7	4.51	3.73	1479.
225	6.28	33.91	223	26.68	140.2	4.86	4.50	1478.
250	5.92	33.95	248	26.75	133.2	5.20	5.33	1477.
300	5.66	33.97	298	26.80	129.2	5.86	7.17	1477.
400	5.12	34.04	397	26.92	118.4	7.10	11.60	1477.
500	4.69	34.10	496	27.02	109.5	8.25	16.83	1477.
600	4.41	34.17	595	27.10	102.6	9.31	22.80	1477.
800	3.92	34.28	793	27.24	90.3	11.24	36.51	1479.
1000	3.54	34.34	990	27.33	82.8	12.98	52.44	1480.
1200	3.11	34.42	1188	27.44	73.5	14.53	69.81	1482.

DEEPEST MEASUREMENT:

1202	3.10	34.42	1190	27.44	73.3	14.55	69.99	1482.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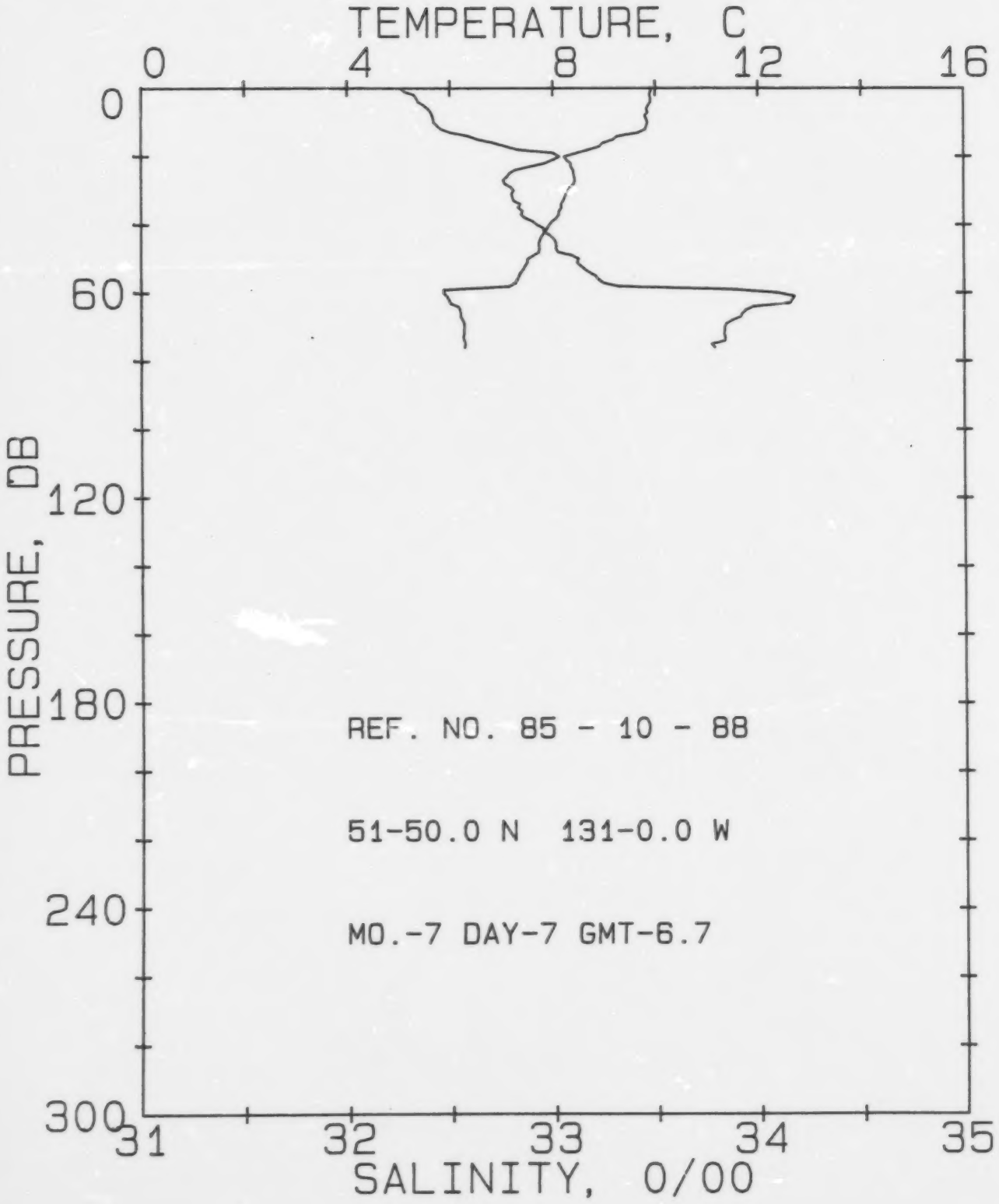
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 87
51-46.0 N 131-0.0 W
MO.-7 DAY-7 GMT-5.1
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICC DIVISION
REFERENCE NO. 85-10- 87 DATE 7/ 7/85
POSITION 51-46.0N, 131- .0W GMT 5.1 STATICN K 3
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.68	32.07	0	24.58	337.1	.00	.00	1489.
10	10.04	32.08	10	24.69	326.3	.33	.02	1487.
20	9.36	32.28	20	24.96	301.3	.65	.06	1485.
30	8.91	32.39	30	25.12	286.2	.94	.14	1484.
50	8.48	32.59	50	25.33	265.8	1.50	.37	1482.
75	7.79	32.81	75	25.61	239.9	2.13	.77	1480.
100	6.85	33.35	99	26.16	187.8	2.66	1.23	1478.
125	6.93	33.71	124	26.43	162.2	3.09	1.73	1479.
150	6.54	33.86	149	26.61	146.1	3.48	2.27	1478.
175	6.22	33.93	174	26.70	137.5	3.83	2.86	1477.
200	5.95	33.95	199	26.75	132.8	4.17	3.51	1477.
225	5.82	33.96	223	26.78	130.4	4.50	4.22	1477.
250	5.74	33.97	248	26.80	129.1	4.82	5.00	1477.
300	5.55	34.00	298	26.84	125.7	5.46	6.79	1477.
400	5.24	34.03	397	26.90	120.3	6.69	11.18	1477.
500	4.91	34.10	496	26.99	112.6	7.86	16.50	1478.
600	4.50	34.16	595	27.09	104.0	8.93	22.52	1478.
800	3.89	34.28	793	27.25	90.1	10.86	36.25	1479.
1000	3.55	34.33	990	27.32	84.0	12.60	52.18	1480.
1200	3.10	34.41	1188	27.43	74.3	14.17	69.76	1482.

DEEPEST MEASUREMENT:

1201	3.10	34.41	1189	27.43	74.3	14.18	69.85	1482.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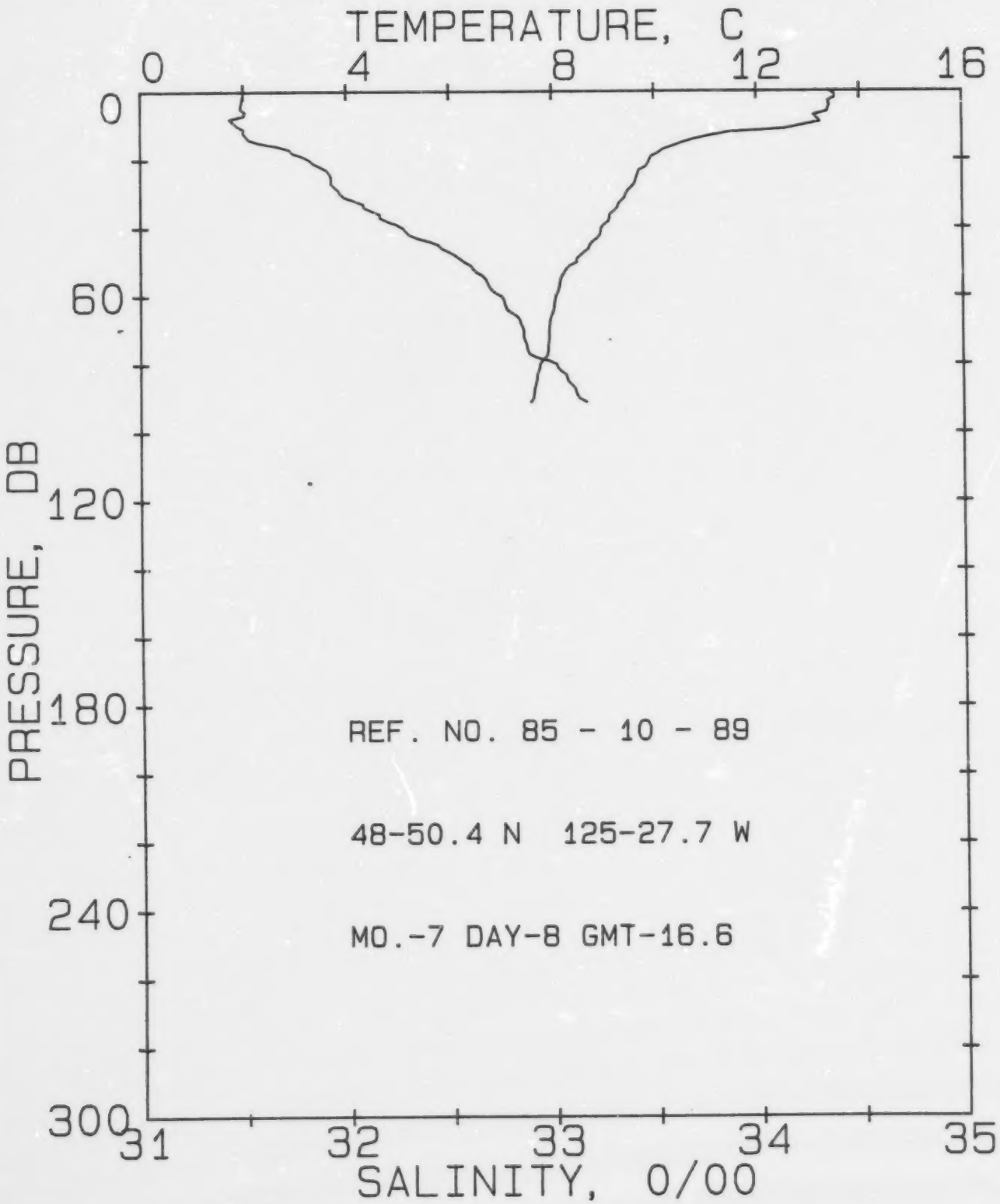
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 88
51-50.0 N 131-0.0 W
MO.-7 DAY-7 GMT-6.7
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 88 DATE 7/ 7/85
POSITION 51-50.0N, 131- .0W GMT 6.7 STATION K 2
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	9.94	32.26	0	24.85	310.9	.00	.00	1487.
10	9.86	32.42	10	24.99	297.9	.30	.02	1487.
20	8.22	33.03	20	25.72	228.3	.57	.06	1482.
30	8.29	32.81	30	25.54	246.0	.82	.12	1482.
50	7.52	33.13	50	25.90	212.1	1.28	.31	1479.
75	6.30	33.77	75	26.57	148.7	1.68	.55	1476.

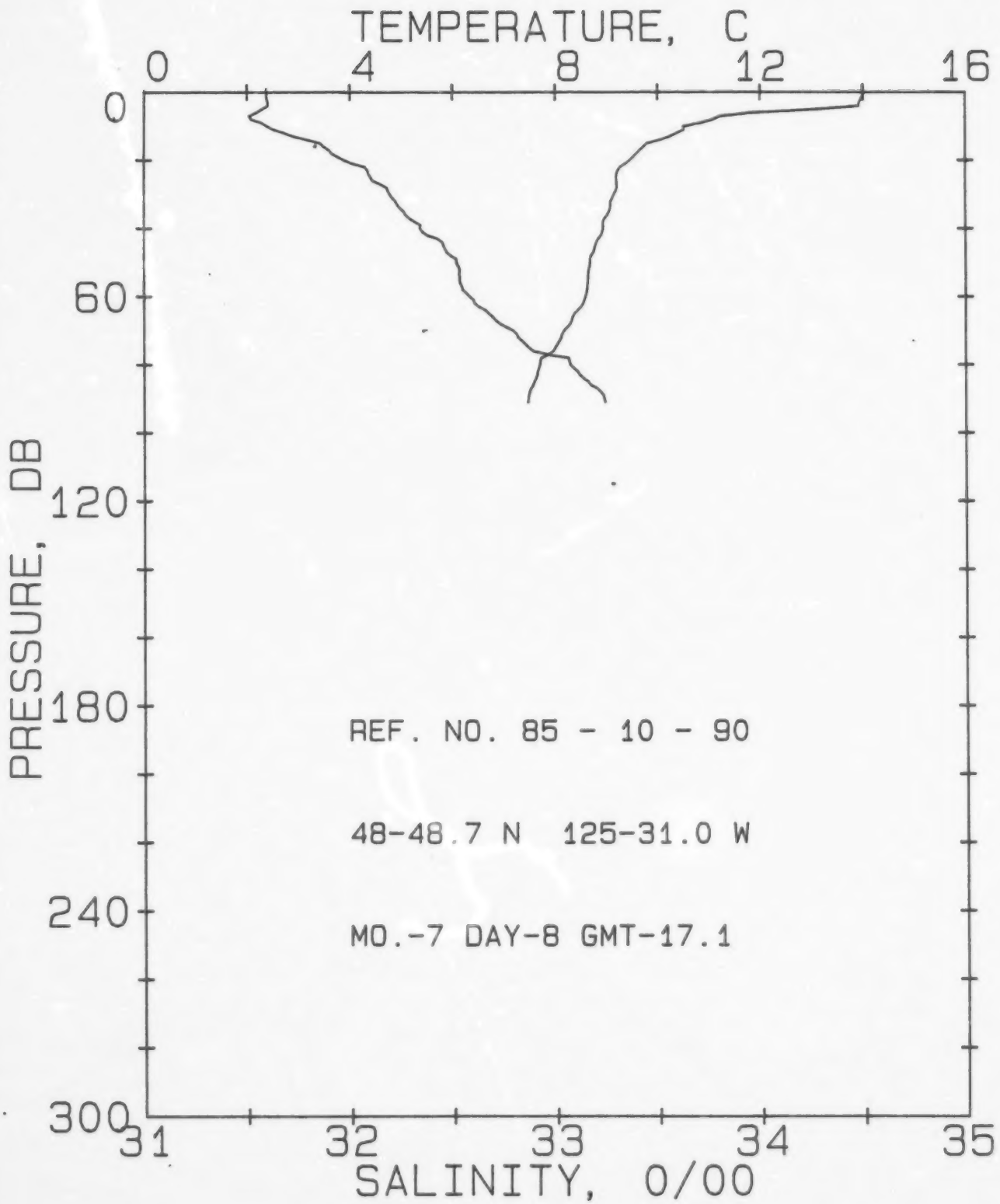
DEEPEST MEASUREMENT:

76	6.28	33.79	75	26.58	147.3	1.69	.57	1476.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 89
48-50.4 N 125-27.7 W
MO.-7 DAY-8 GMT-16.6
31
32
33
34
35
SALINITY, 0/00

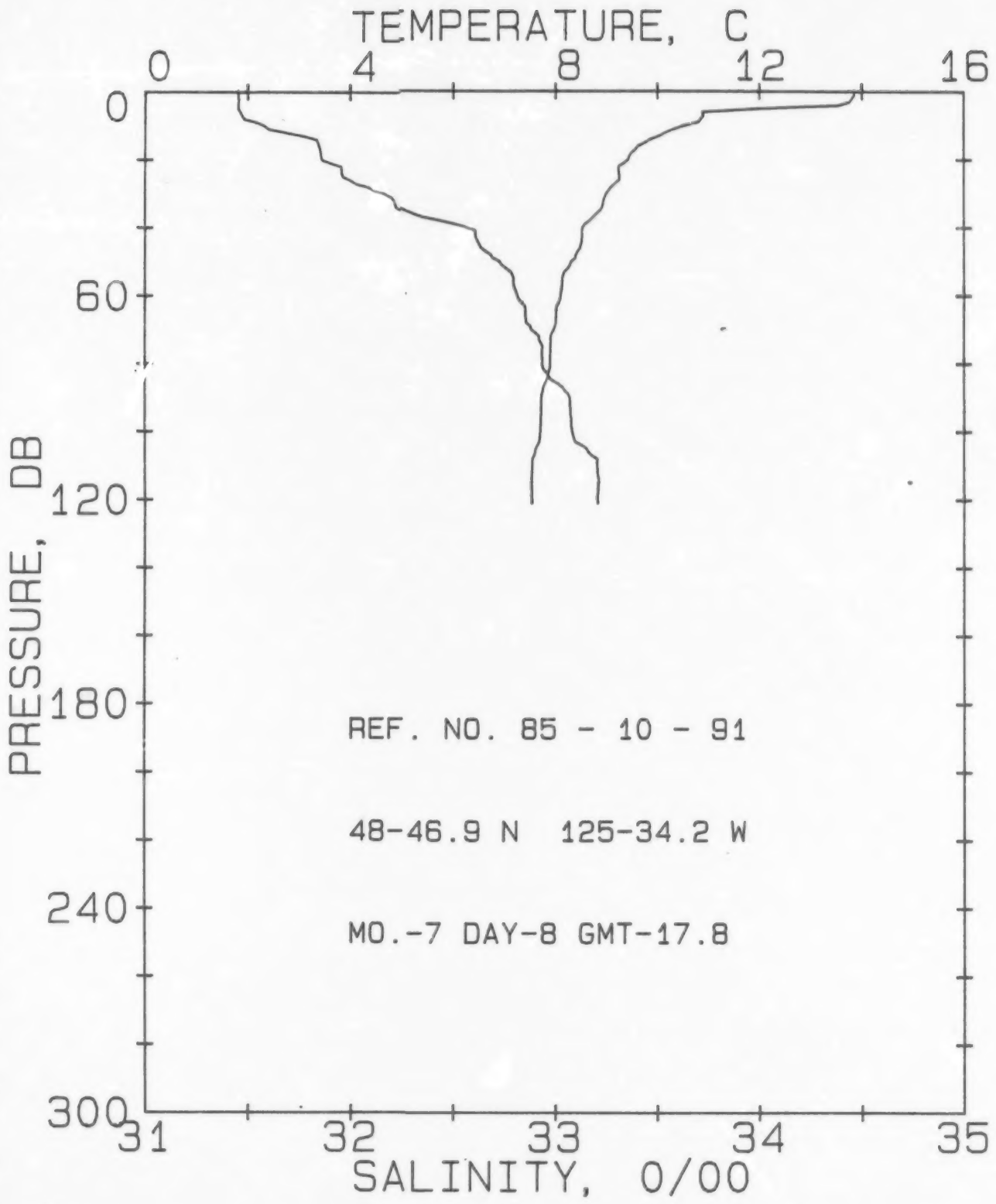
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 89 DATE 8/ 7/85
POSITION 48-50.4N, 125-27.7W GMT 16.6 STATION LC 1
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.43	31.50	0	23.63	427.4	.00	.00	1498.
10	12.90	31.47	10	23.71	420.1	.43	.02	1496.
20	9.92	31.82	20	24.51	343.6	.80	.08	1486.
30	9.45	31.97	30	24.70	325.3	1.13	.16	1485.
50	8.48	32.58	50	25.32	266.6	1.73	.40	1482.
75	7.92	32.88	75	25.64	236.6	2.34	.79	1481.
DEEPEST MEASUREMENT:								
91	7.58	33.16	90	25.92	210.9	2.70	1.10	1480.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 90
48-48.7 N 125-31.0 W
MO.-7 DAY-8 GMT-17.1
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 90 DATE 8/ 7/85
POSITION 48-48.7N, 125-31.0W GMT 17.1 STATION LC 2
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.03	31.60	0	23.58	432.2	.00	.00	1500.
10	10.51	31.60	10	24.24	369.2	.41	.02	1488.
20	9.46	31.98	20	24.71	325.1	.75	.07	1485.
30	9.14	32.20	30	24.93	304.1	1.06	.15	1484.
50	8.68	32.52	50	25.25	273.5	1.64	.39	1483.
75	8.01	32.87	75	25.63	238.2	2.29	.80	1481.
DEEPEST MEASUREMENT:								
91	7.47	33.24	90	26.00	203.4	2.65	1.10	1480.

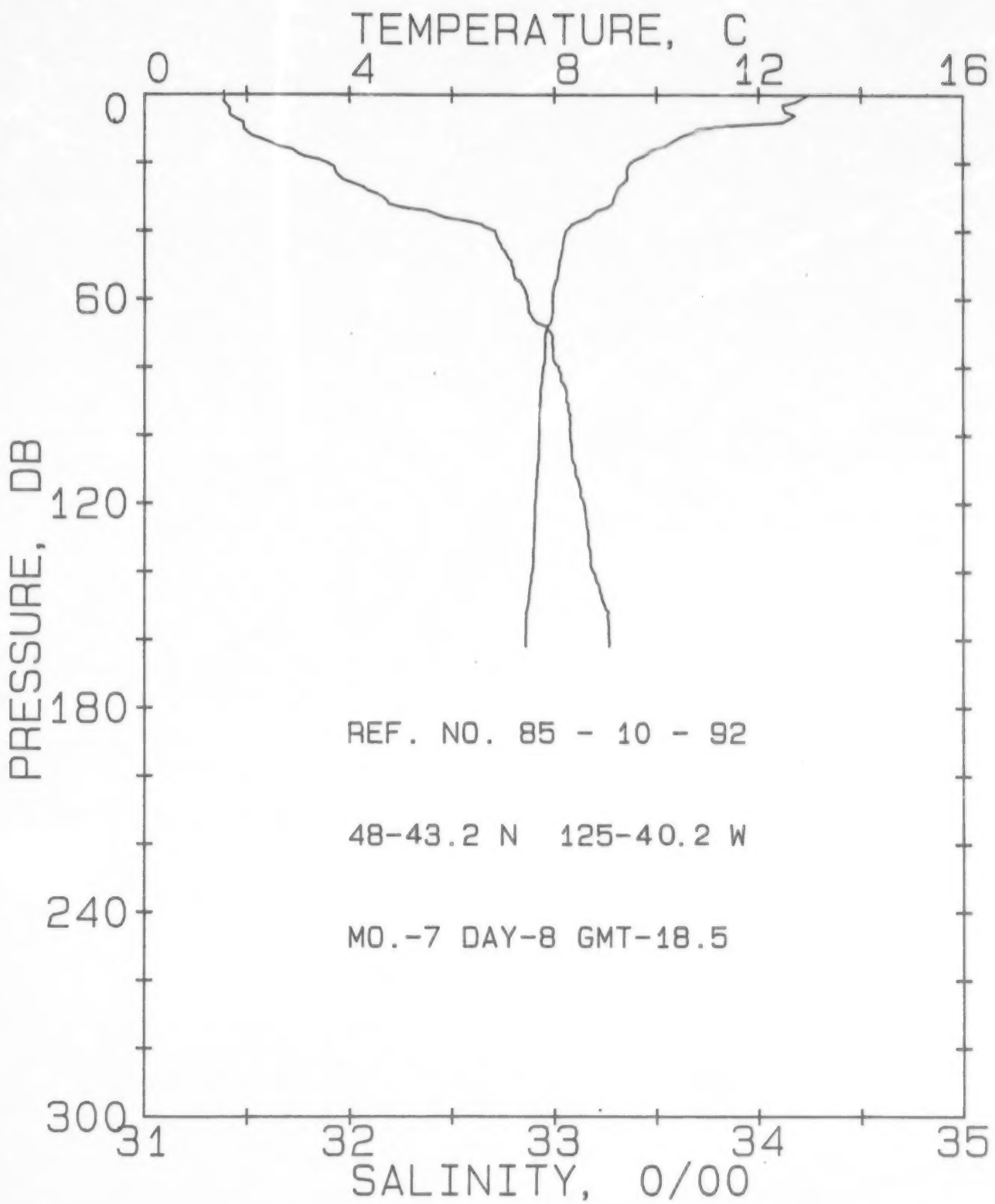

TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 91
48-46.9 N 125-34.2 W
MO.-7 DAY-8 GMT-17.8
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 91 DATE 8/ 7/85
POSITION 48-46.9N, 125-34.2W GMT 17.8 STATION LC 3
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.85	31.46	0	23.51	439.0	.00	.00	1499.
10	10.53	31.58	10	24.22	370.7	.41	.02	1488.
20	9.43	31.86	20	24.62	333.0	.75	.07	1485.
30	9.00	32.17	30	24.93	303.7	1.07	.15	1484.
50	8.31	32.73	50	25.47	253.0	1.63	.38	1482.
75	7.90	32.94	75	25.69	231.9	2.23	.76	1481.
100	7.70	33.08	99	25.83	218.8	2.79	1.26	1481.

DEEPEST MEASUREMENT:

121	7.53	33.21	120	25.96	207.5	3.24	1.76	1481.

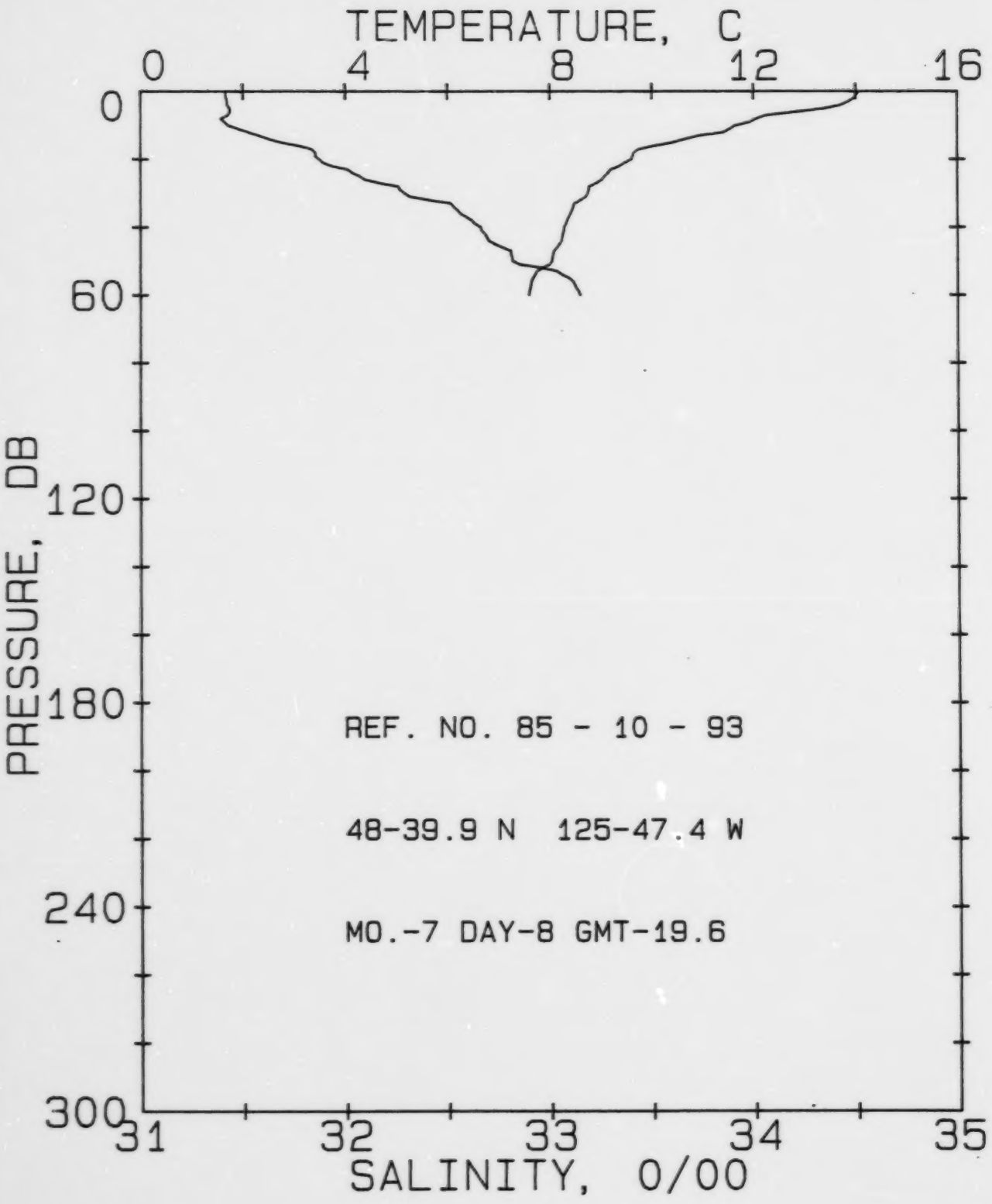

TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 92
48-43.2 N 125-40.2 W
MO.-7 DAY-8 GMT-18.5
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 92 DATE 8/ 7/85
POSITION 48-43.2N, 125-40.2W GMT 18.5 STATION LC 4
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.96	31.39	0	23.64	426.7	.00	.00	1496.
10	10.86	31.49	10	24.09	383.1	.41	.02	1489.
20	9.50	31.89	20	24.64	331.7	.77	.08	1485.
30	9.18	32.17	30	24.90	306.9	1.09	.16	1484.
50	8.10	32.79	50	25.55	245.1	1.62	.37	1481.
75	7.82	33.00	75	25.75	226.3	2.21	.75	1481.
100	7.71	33.08	99	25.83	218.9	2.77	1.24	1481.
125	7.62	33.16	124	25.91	212.4	3.31	1.86	1481.
150	7.49	33.25	149	26.00	204.2	3.83	2.59	1481.

DEEPEST MEASUREMENT:

162	7.45	33.27	161	26.02	202.3	4.08	2.98	1481.

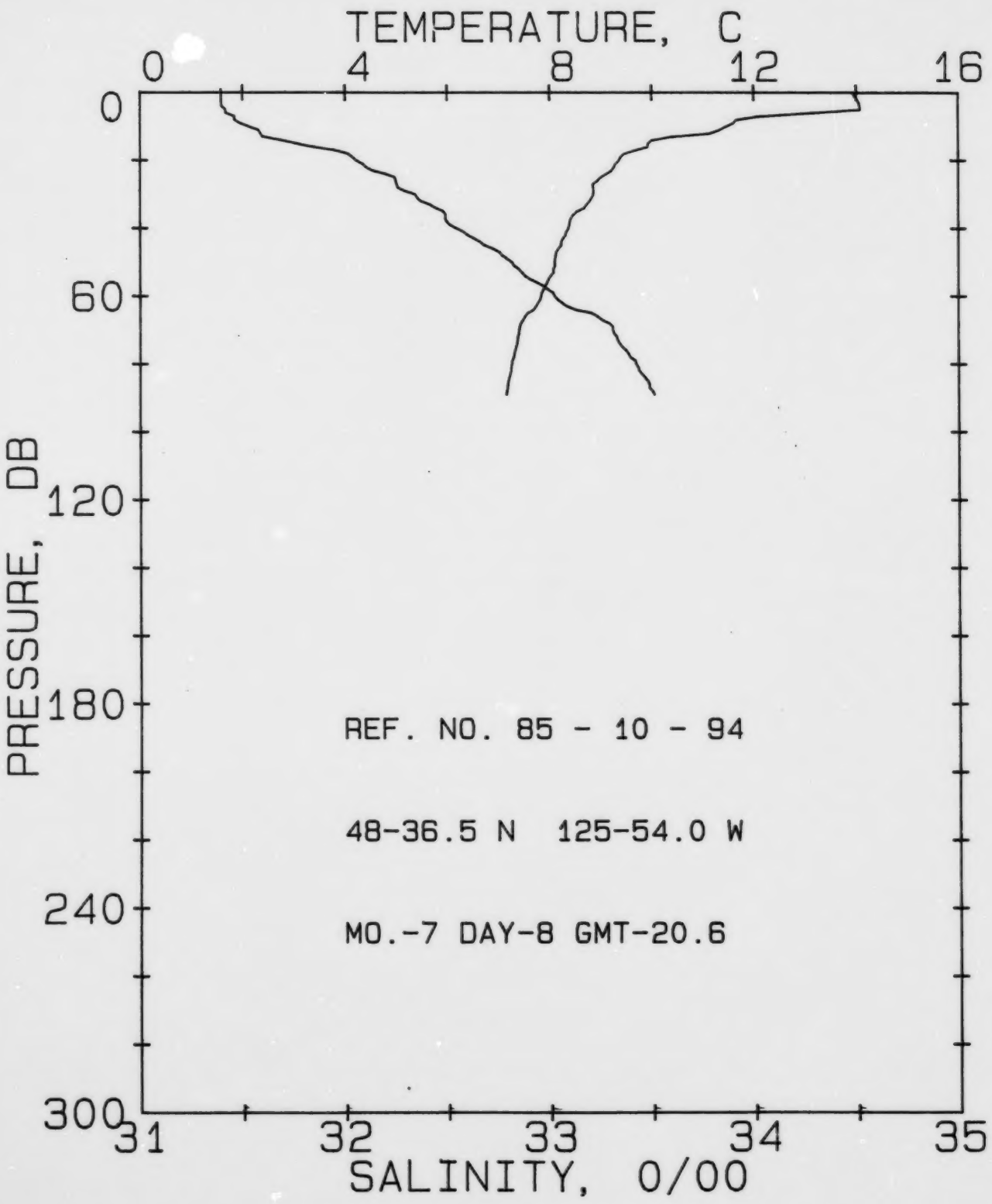

TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 93
48-39.9 N 125-47.4 W
MO.-7 DAY-8 GMT-19.6
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 93 DATE 8/ 7/85
POSITION 48-39.9N, 125-47.4W GMT 19.6 STATION LC 5
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.06	31.42	0	23.44	445.8	.00	.00	1500.
10	11.65	31.43	10	23.91	400.7	.43	.02	1492.
20	9.60	31.87	20	24.60	334.8	.79	.08	1485.
30	8.75	32.29	30	25.06	291.1	1.10	.16	1483.
50	8.05	32.82	50	25.58	242.2	1.62	.37	1481.

DEEPEST MEASUREMENT:

60	7.60	33.15	60	25.90	211.6	1.85	.49	1480.

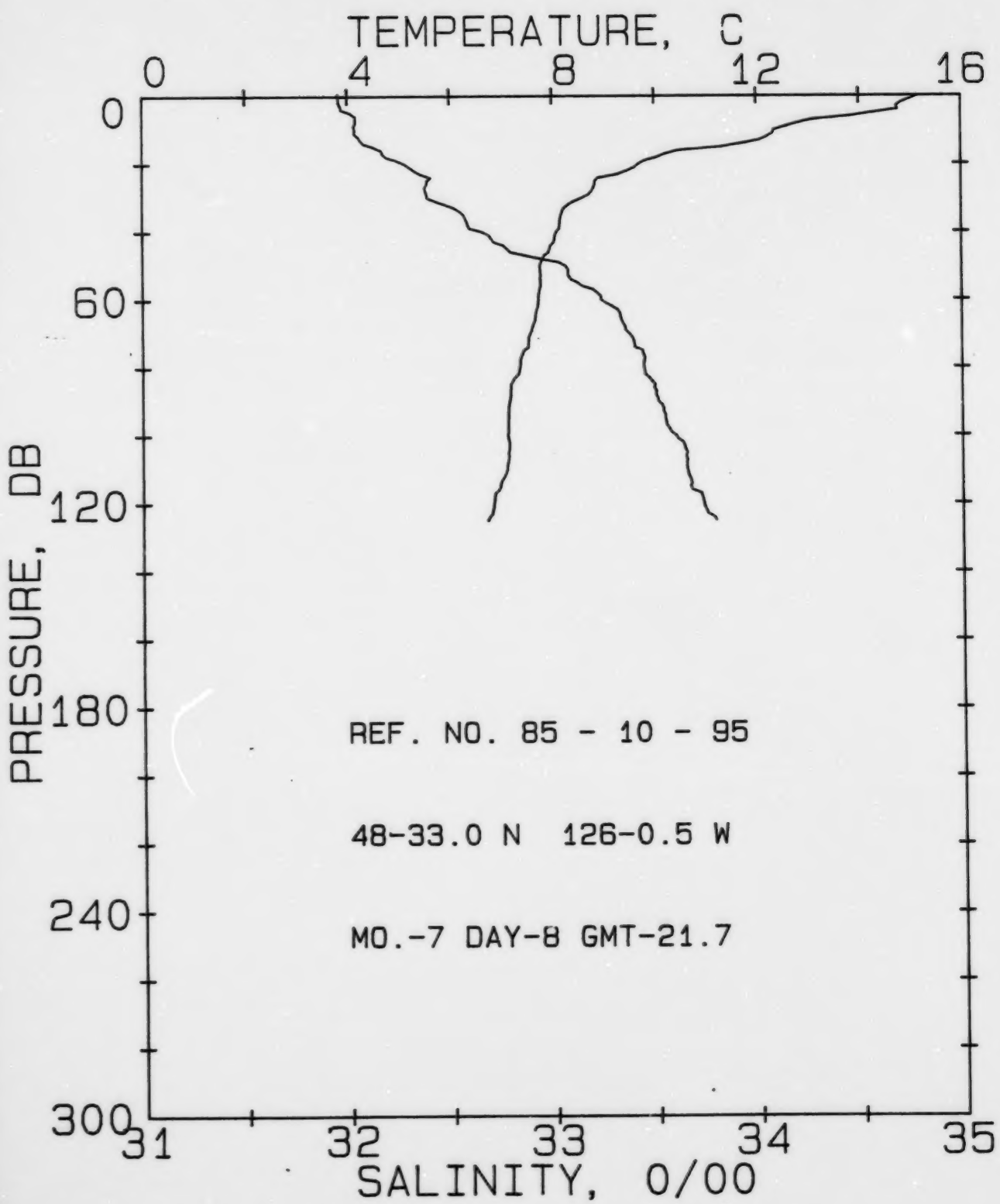

TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 94
48-36.5 N 125-54.0 W
MO.-7 DAY-8 GMT-20.6
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 94 DATE 8/ 7/85
POSITION 48-36.5N, 125-54.0W GMT 20.6 STATION LC 6
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.95	31.40	0	23.44	445.0	.00	.00	1500.
10	11.47	31.53	[illegible]	24.02	390.1	.43	.02	1491.
20	9.37	32.06	[illegible]	24.78	317.7	.78	.07	1485.
30	8.86	32.35	30	25.09	288.8	1.08	.15	1483.
50	8.11	32.82	50	25.57	243.3	1.61	.37	1481.
75	7.35	33.36	75	26.10	193.2	2.15	.71	1479.

DEEPEST MEASUREMENT:

89	7.15	33.51	88	26.25	179.2	2.41	.93	1479.

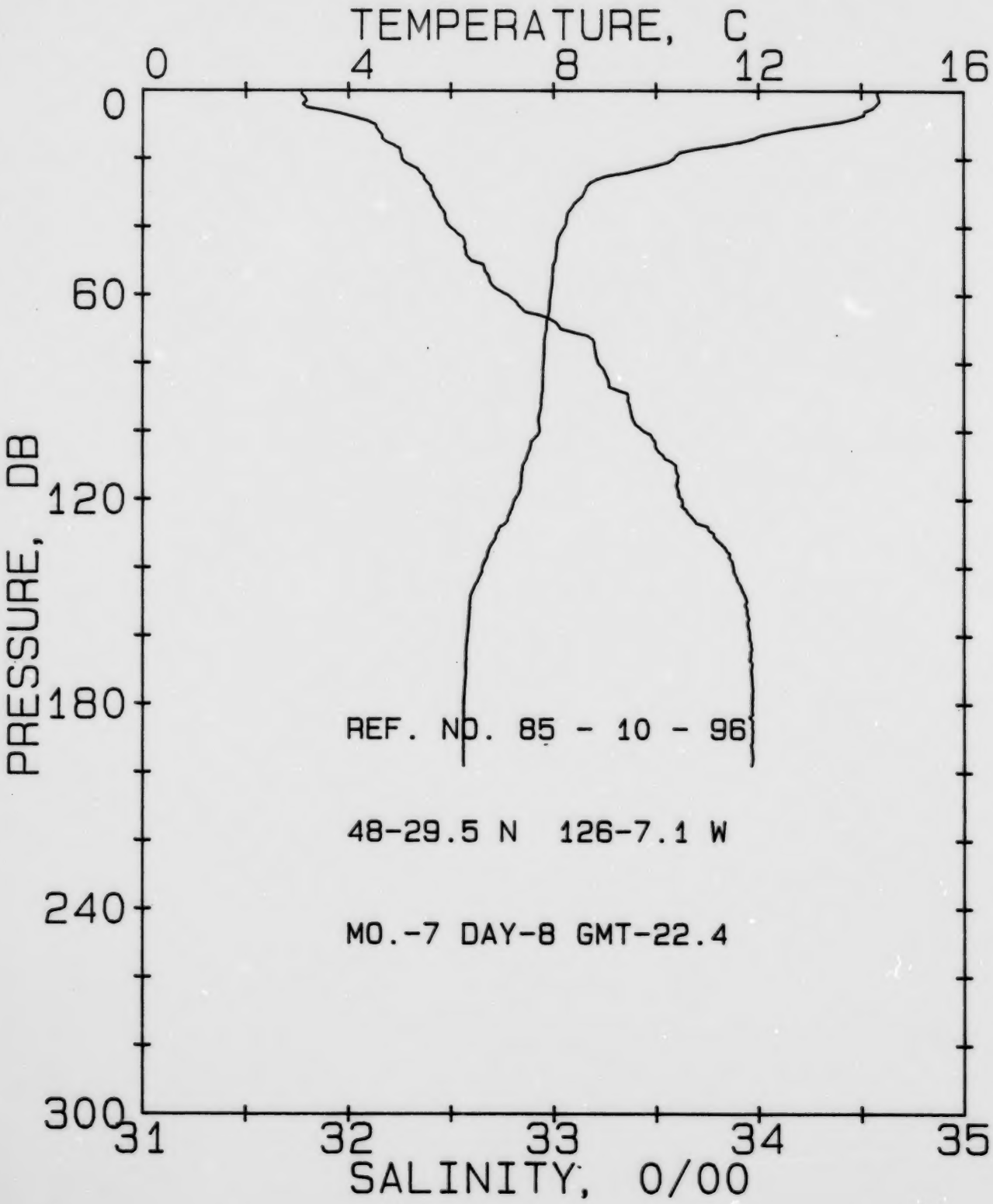

TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 95
48-33.0 N 126-0.5 W
MO.-7 DAY-8 GMT-21.7
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 95 DATE 8/ 7/85
POSITION 48-33.0N, 126- .5W GMT 21.7 STATION LC 7
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	15.16	31.96	0	23.62	428.1	.00	.00	1504.
10	12.36	32.04	10	24.25	368.3	.40	.02	1495.
20	9.70	32.28	20	24.91	306.0	.74	.07	1486.
30	8.58	32.39	30	25.17	281.2	1.03	.14	1482.
50	7.76	33.07	50	25.81	220.0	1.54	.35	1480.
75	7.44	33.44	75	26.15	188.1	2.05	.67	1480.
100	7.11	33.60	99	26.32	172.2	2.50	1.07	1479.
125	6.71	33.80	124	26.53	152.8	2.91	1.55	1478.

DEEPEST MEASUREMENT:

125	6.71	33.80	124	26.53	152.8	2.91	1.55	1478.

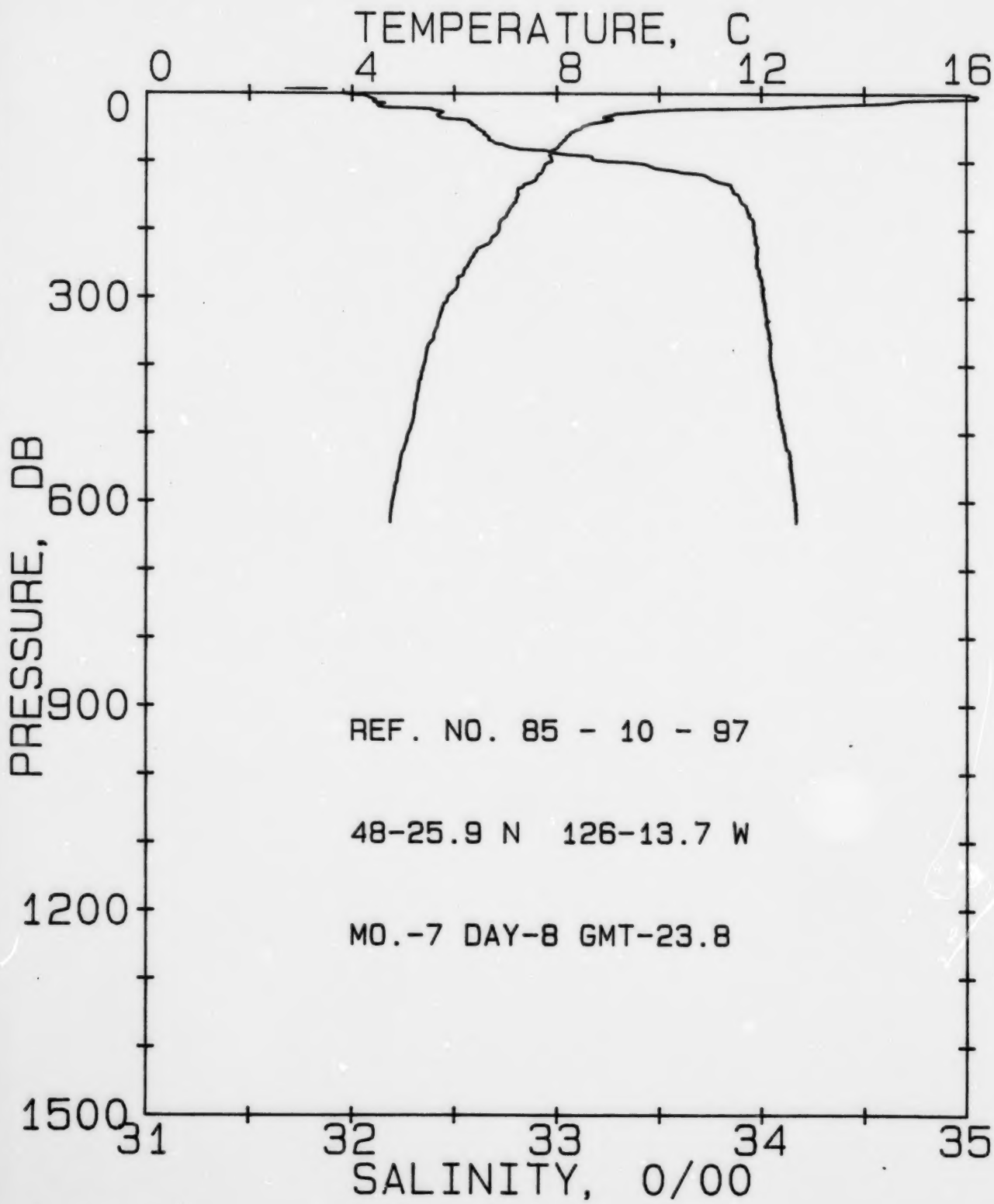

TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 96
48-29.5 N 126-7.1 W
MO.-7 DAY-8 GMT-22.4
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 96 DATE 8/ 7/85
POSITION 48-29.5N, 126- 7.1W GMT 22.4 STATION LC 8
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.31	31.77	0	23.66	424.6	.00	.00	1501.
10	13.18	32.14	10	24.16	376.5	.41	.02	1498.
20	10.35	32.26	20	24.78	317.8	.75	.07	1488.
30	8.59	32.42	30	25.18	279.8	1.05	.15	1482.
50	8.03	32.60	50	25.41	258.1	1.58	.36	1481.
75	7.81	33.20	75	25.91	211.3	2.18	.74	1481.
100	7.72	33.44	99	26.11	192.4	2.68	1.19	1481.
125	7.11	33.67	124	26.38	167.3	3.13	1.70	1480.
150	6.36	33.94	149	26.69	137.7	3.50	2.22	1478.
175	6.26	33.97	174	26.73	134.6	3.84	2.79	1478.
200	6.24	33.96	199	26.72	135.9	4.18	3.43	1478.

DEEPEST MEASUREMENT:

198	6.24	33.97	197	26.73	135.1	4.15	3.38	1478.

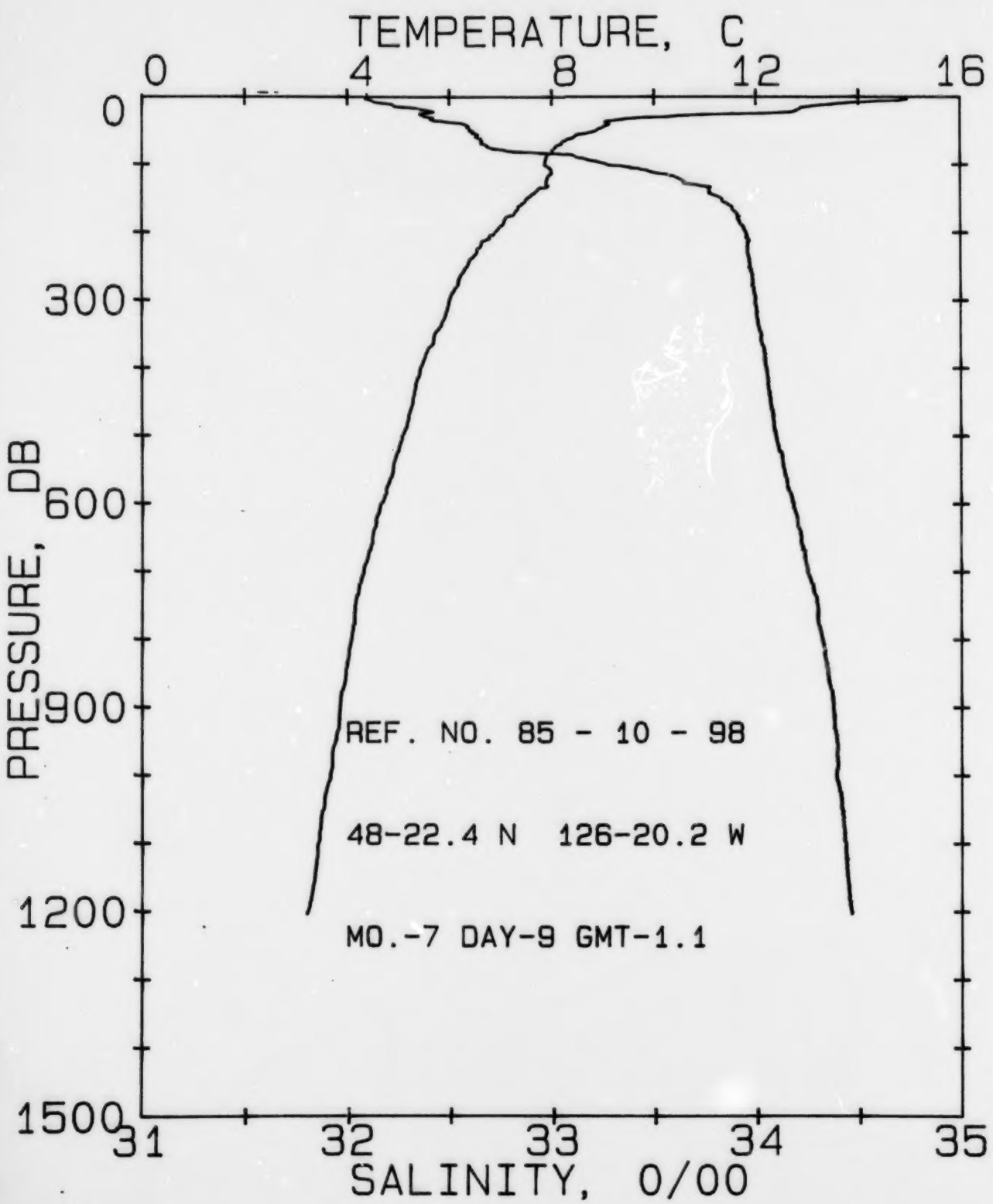

TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 97
48-25.9 N 126-13.7 W
MO.-7 DAY-8 GMT-23.8
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 97 DATE 8/ 7/85
POSITION 48-25.9N, 126-13.7W GMT 23.8 STATION LC 9
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	16.05	31.96	0	23.42	446.9	.00	.00	1507.
10	14.76	32.11	10	23.82	409.1	.44	.02	1503.
20	12.40	32.15	20	24.33	360.8	.82	.08	1496.
30	9.13	32.42	30	25.11	287.1	1.13	.16	1484.
50	8.49	32.61	50	25.35	264.1	1.68	.38	1483.
75	8.05	32.74	75	25.52	248.7	2.33	.79	1481.
100	7.90	33.25	99	25.93	209.4	2.90	1.30	1482.
125	7.61	33.75	124	26.37	168.1	3.36	1.82	1482.
150	7.24	33.89	149	26.53	153.2	3.75	2.38	1481.
175	7.05	33.94	174	26.60	147.6	4.13	3.00	1481.
200	6.87	33.96	199	26.64	143.7	4.49	3.69	1480.
225	6.54	33.98	223	26.70	138.1	4.84	4.46	1480.
250	6.28	33.98	248	26.73	135.3	5.19	5.28	1479.
300	5.87	34.01	298	26.81	128.7	5.84	7.13	1478.
400	5.40	34.05	397	26.90	121.2	7.09	11.56	1478.
500	5.10	34.11	496	26.98	113.9	8.27	16.96	1478.
600	4.78	34.16	595	27.06	107.2	9.37	23.14	1479.

DEEPEST MEASUREMENT:

631	4.74	34.17	626	27.07	106.8	9.70	25.22	1479.


TEMPERATURE, C
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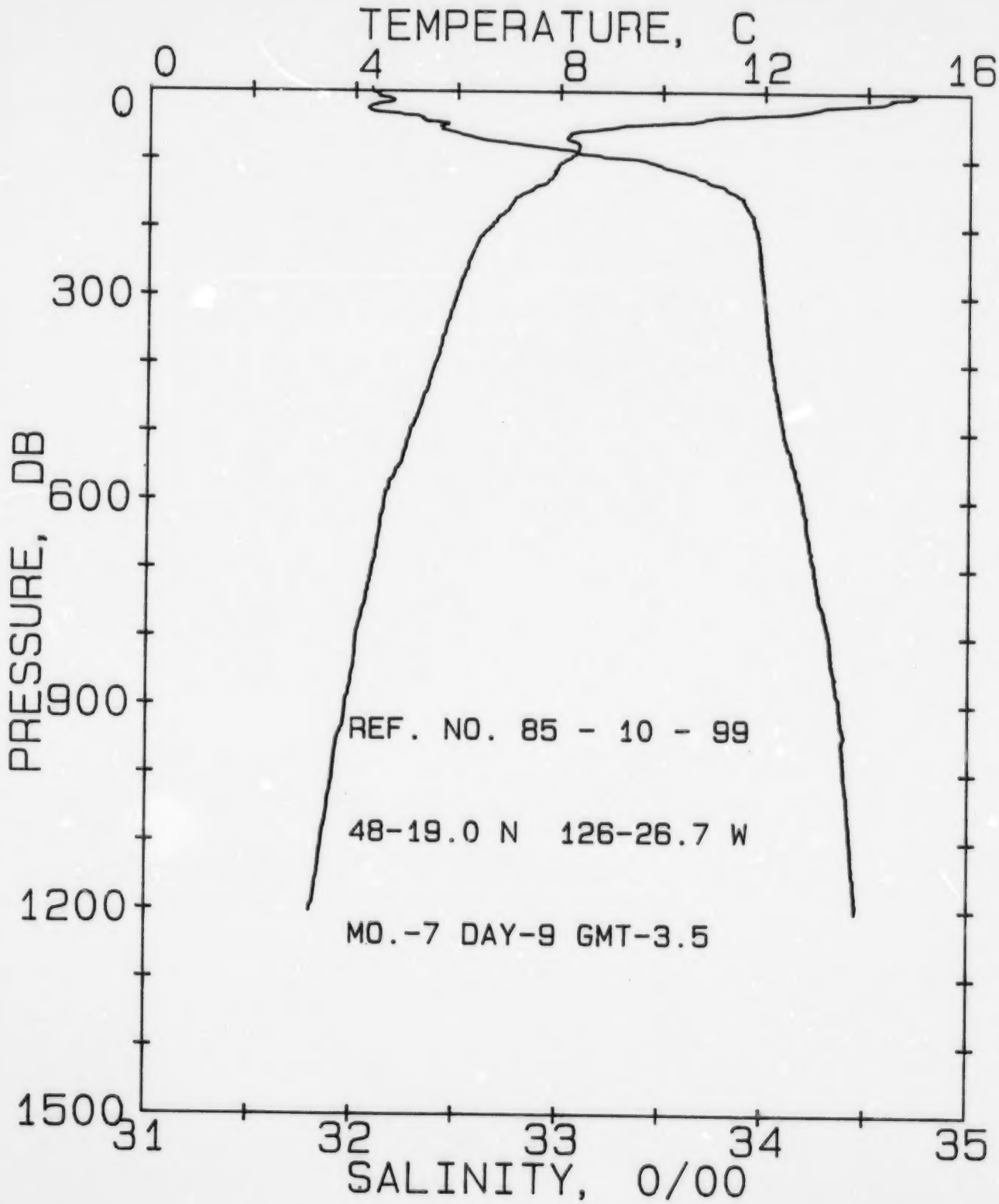
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 98
48-22.4 N 126-20.2 W
MO.-7 DAY-9 GMT-1.1
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 98 DATE 9/ 7/85
POSITION 48-22.4N, 126-20.2W GMT 1.1 STATION LC10
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.96	32.10	0	23.77	413.7	.00	.00	1504.
10	13.55	32.19	10	24.14	379.2	.40	.02	1499.
20	12.80	32.39	20	24.44	350.8	.77	.08	1497.
30	9.83	32.40	30	24.97	299.6	1.09	.16	1487.
50	8.86	32.60	50	25.29	270.3	1.65	.39	1484.
75	8.06	32.70	75	25.48	251.9	2.30	.80	1481.
100	7.86	33.27	99	25.96	206.8	2.86	1.30	1482.
125	7.90	33.65	124	26.25	179.7	3.34	1.84	1483.
150	7.51	33.83	149	26.45	161.2	3.76	2.44	1482.
175	7.23	33.91	174	26.55	151.6	4.16	3.08	1481.
200	6.89	33.95	199	26.63	144.7	4.53	3.79	1480.
225	6.55	33.96	223	26.68	140.0	4.88	4.56	1480.
250	6.36	33.97	248	26.72	137.1	5.23	5.40	1479.
300	6.01	33.99	298	26.78	131.4	5.90	7.27	1479.
400	5.44	34.05	397	26.89	121.6	7.16	11.79	1478.
500	5.09	34.10	496	26.97	114.9	8.35	17.22	1478.
600	4.66	34.18	595	27.09	104.5	9.45	23.39	1478.
800	4.07	34.32	793	27.26	89.4	11.38	37.07	1479.
1000	3.65	34.39	991	27.36	80.9	13.06	52.46	1481.
1200	3.20	34.46	1188	27.46	71.7	14.58	69.48	1482.
DEEPEST MEASUREMENT:								
1203	3.18	34.46	1191	27.46	71.6	14.60	69.74	1482.

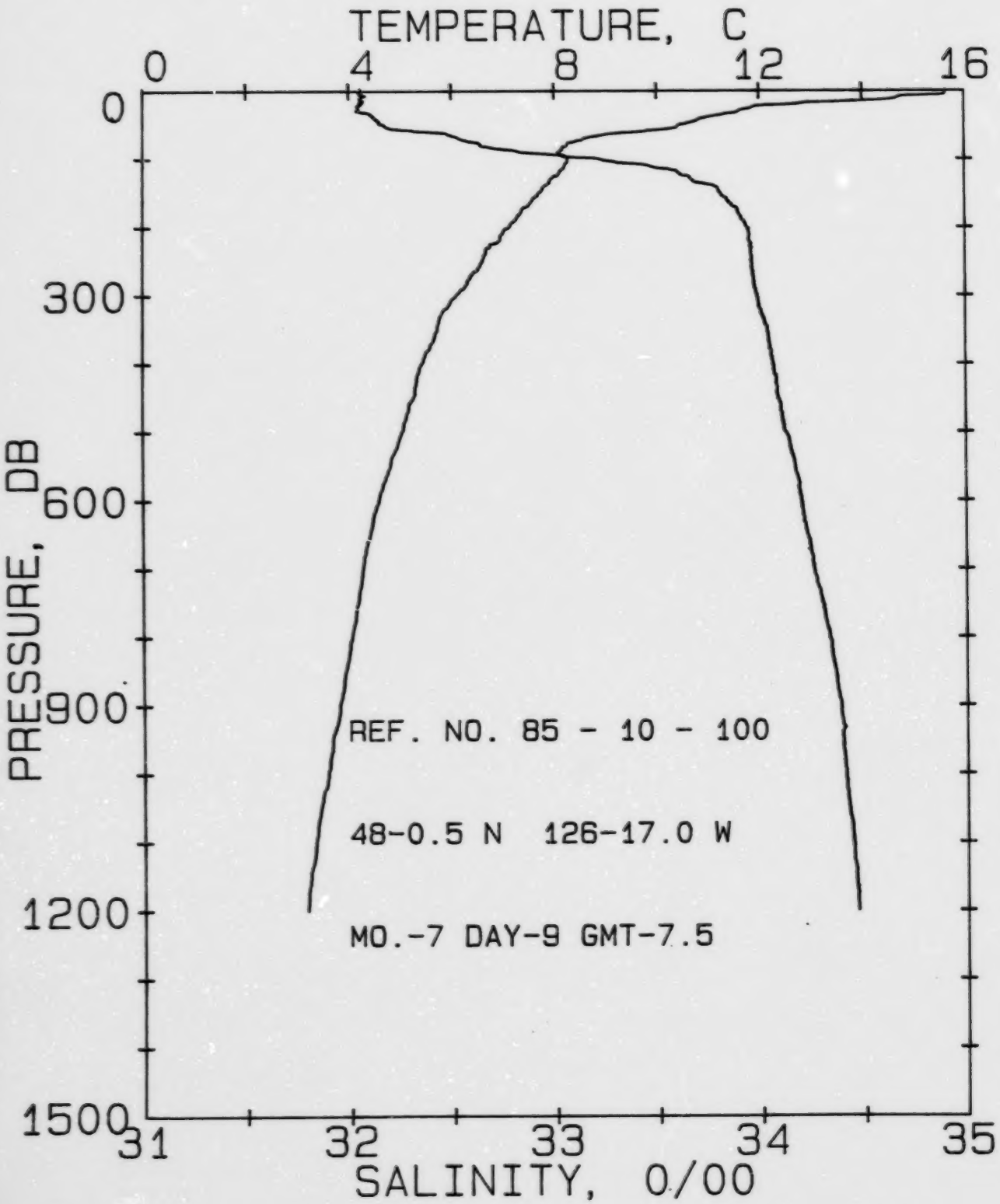

TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 99
48-19.0 N 126-26.7 W
MO.-7 DAY-9 GMT-3.5
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10- 99 DATE 9/ 7/85
POSITION 48-19.0N, 126-26.7W GMT 3.5 STATION LC11
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.84	32.08	0	23.78	412.5	.00	.00	1503.
10	14.48	32.17	10	23.92	399.4	.41	.02	1502.
20	13.31	32.10	20	24.11	381.5	.80	.08	1499.
30	12.60	32.09	30	24.24	369.6	1.18	.18	1496.
50	9.19	32.42	50	25.09	288.6	1.82	.44	1485.
75	8.34	32.73	75	25.47	253.2	2.50	.86	1483.
100	8.11	33.40	99	26.02	201.1	3.07	1.37	1483.
125	7.85	33.67	124	26.28	177.3	3.54	1.91	1483.
150	7.28	33.86	149	26.51	155.7	3.96	2.50	1481.
175	6.97	33.93	174	26.60	147.2	4.34	3.12	1480.
200	6.63	33.96	199	26.67	140.6	4.70	3.81	1479.
225	6.38	33.98	224	26.72	136.5	5.04	4.55	1479.
250	6.22	33.98	248	26.74	134.3	5.38	5.38	1479.
300	5.99	34.00	298	26.79	130.6	6.04	7.23	1479.
400	5.58	34.04	397	26.87	124.0	7.32	11.78	1479.
500	5.09	34.10	496	26.97	115.0	8.52	17.27	1478.
600	4.59	34.19	595	27.10	103.1	9.61	23.37	1478.
800	4.05	34.32	793	27.26	88.8	11.54	37.14	1479.
1000	3.61	34.40	991	27.37	79.8	13.23	52.56	1481.
1200	3.19	34.45	1188	27.45	72.0	14.75	69.57	1482.

DEEPEST MEASUREMENT:

1203	3.19	34.45	1191	27.45	72.0	14.77	69.83	1482.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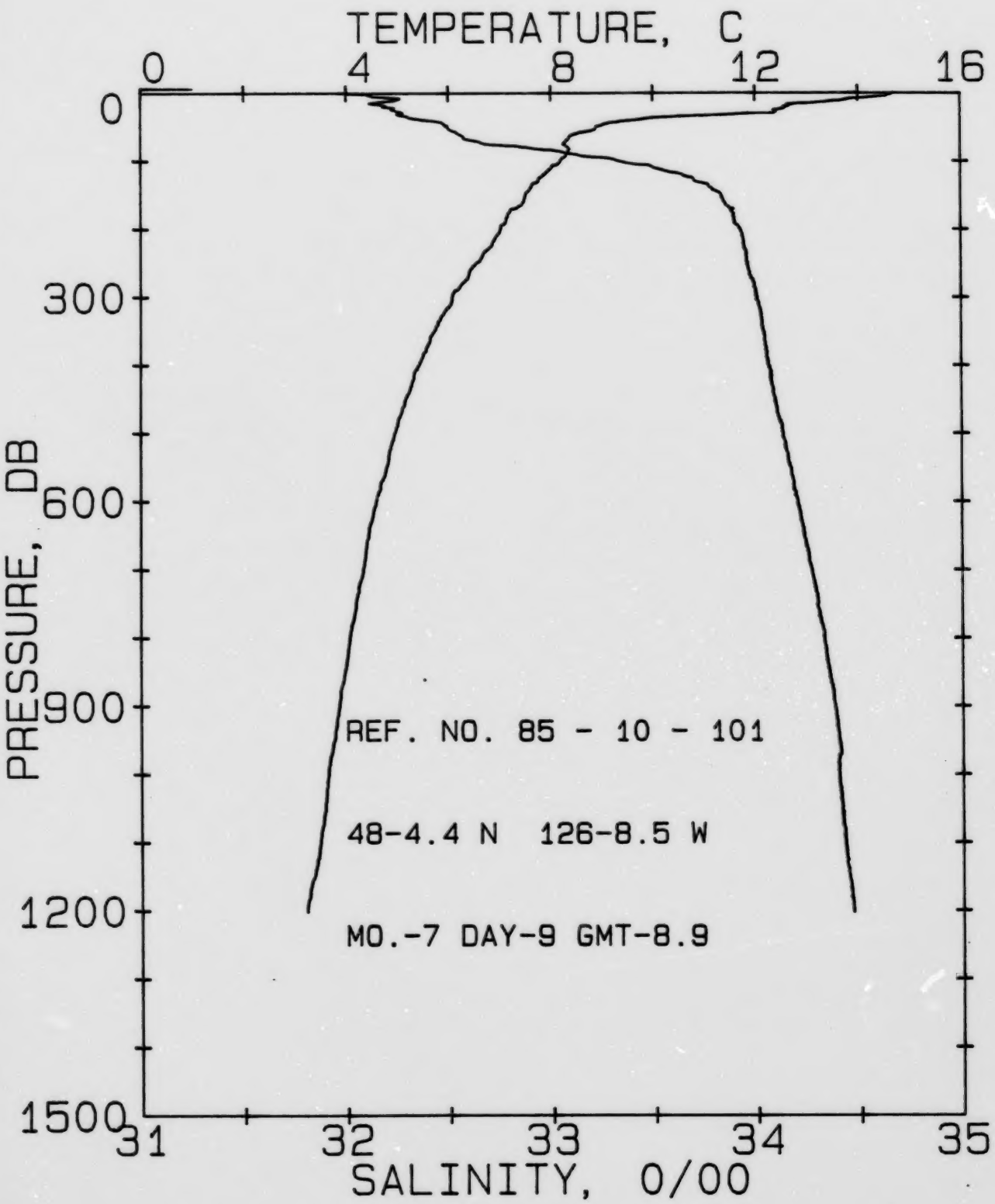
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 100
48-0.5 N 126-17.0 W
MO.-7 DAY-9 GMT-7.5
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10-100 DATE 9/ 7/85
POSITION 48- .5N, 126-17.0W GMT 7.5 STATION LB16
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	15.63	32.06	0	23.60	430.6	.00	.00	1506.
10	14.69	32.06	10	23.80	411.6	.42	.02	1503.
20	12.52	32.06	20	24.24	369.9	.82	.08	1496.
30	11.60	32.05	30	24.40	354.3	1.18	.17	1493.
50	10.43	32.17	50	24.70	326.2	1.85	.45	1489.
75	8.36	32.60	75	25.37	263.1	2.58	.91	1482.
100	8.26	33.22	99	25.86	216.2	3.19	1.45	1483.
125	8.01	33.65	124	26.24	181.1	3.68	2.01	1483.
150	7.70	33.81	149	26.41	165.3	4.12	2.62	1483.
175	7.38	33.89	174	26.52	155.3	4.52	3.28	1482.
200	7.12	33.94	199	26.59	148.5	4.90	4.01	1481.
225	6.76	33.96	224	26.65	142.8	5.26	4.80	1480.
250	6.60	33.96	248	26.68	141.0	5.62	5.65	1480.
300	6.09	33.99	298	26.76	133.1	6.30	7.58	1479.
400	5.41	34.06	397	26.91	120.3	7.56	12.06	1478.
500	5.01	34.12	496	27.00	112.0	8.72	17.38	1478.
600	4.56	34.20	595	27.11	102.1	9.79	23.35	1478.
800	4.03	34.33	793	27.27	87.9	11.68	36.83	1479.
1000	3.57	34.41	991	27.38	78.3	13.33	51.93	1481.
1200	3.15	34.47	1188	27.47	70.7	14.81	68.49	1482.

DEEPEST MEASUREMENT:

1200	3.15	34.47	1188	27.47	70.7	14.81	68.49	1482.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12
16
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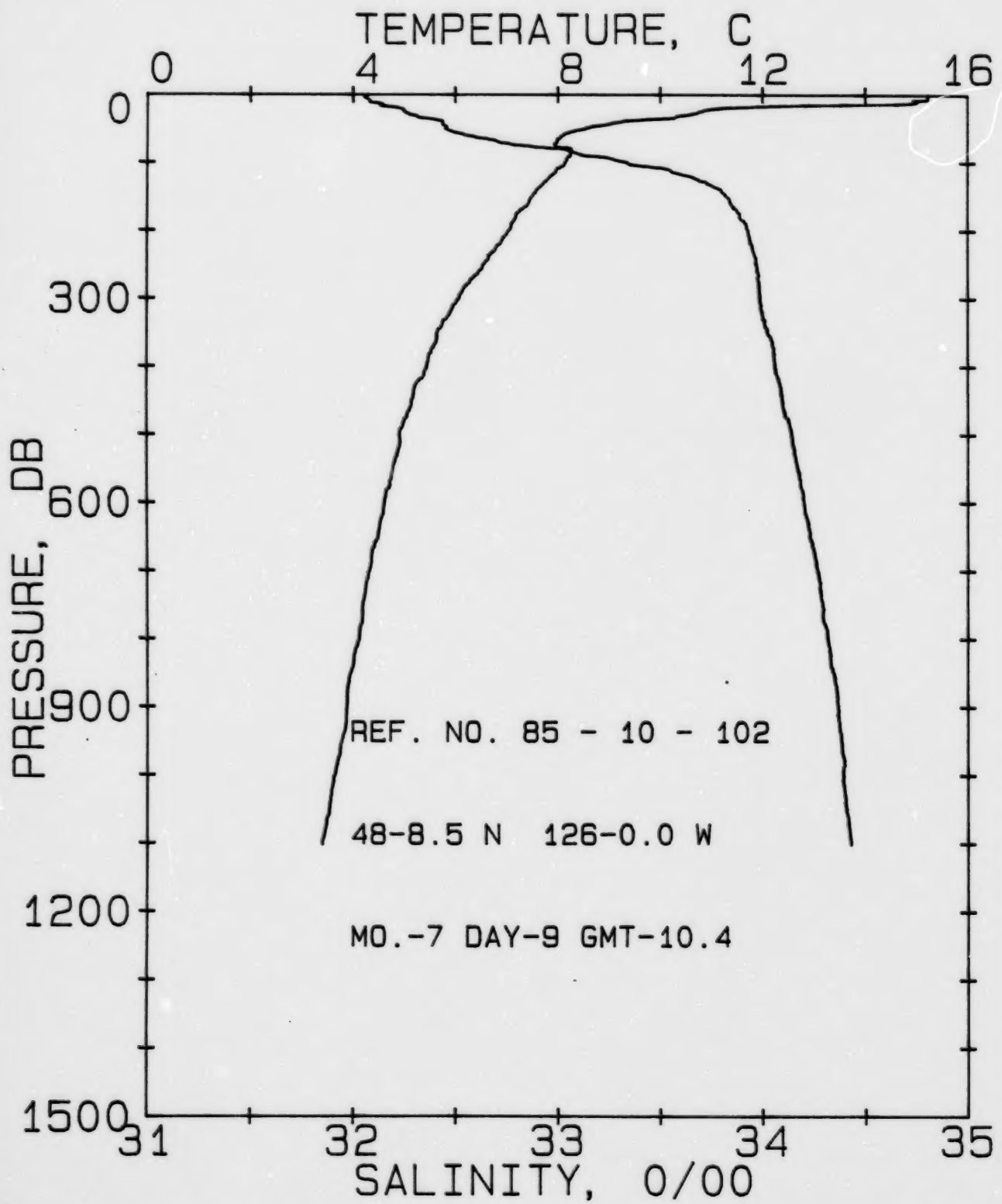
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 101
48-4.4 N 126-8.5 W
MO.-7 DAY-9 GMT-8.9
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10-101 DATE 9/ 7/85
POSITION 48- 4.4N, 126- 8.5W GMT 8.9 STATION LB15
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.68	32.00	0	23.76	415.0	.00	.00	1503.
10	13.73	32.25	10	24.14	378.8	.40	.02	1500.
20	12.56	32.18	20	24.32	362.1	.77	.08	1496.
30	11.81	32.27	30	24.53	342.3	1.12	.17	1494.
50	8.89	32.50	50	25.20	278.4	1.72	.41	1484.
75	8.24	32.68	75	25.44	255.8	2.39	.83	1482.
100	8.19	33.34	99	25.96	206.8	2.96	1.34	1483.
125	7.77	33.70	124	26.31	174.5	3.44	1.88	1482.
150	7.51	33.84	149	26.45	160.9	3.85	2.47	1482.
175	7.20	33.89	174	26.54	153.2	4.25	3.12	1481.
200	7.02	33.93	199	26.59	148.3	4.63	3.84	1481.
225	6.85	33.95	224	26.63	144.8	4.99	4.63	1481.
250	6.54	33.96	248	26.69	139.8	5.35	5.49	1480.
300	6.08	34.01	298	26.78	131.3	6.02	7.39	1479.
400	5.42	34.06	397	26.91	120.3	7.28	11.86	1478.
500	4.93	34.13	496	27.02	110.2	8.43	17.14	1478.
600	4.56	34.20	595	27.11	101.8	9.49	23.09	1478.
800	4.04	34.33	793	27.27	88.3	11.39	36.58	1479.
1000	3.62	34.40	991	27.37	80.0	13.06	51.84	1481.
1200	3.20	34.46	1188	27.46	71.4	14.58	68.90	1482.

DEEPEST MEASUREMENT:

1202	3.20	34.47	1190	27.46	71.3	14.60	69.07	1482.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12
16
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300
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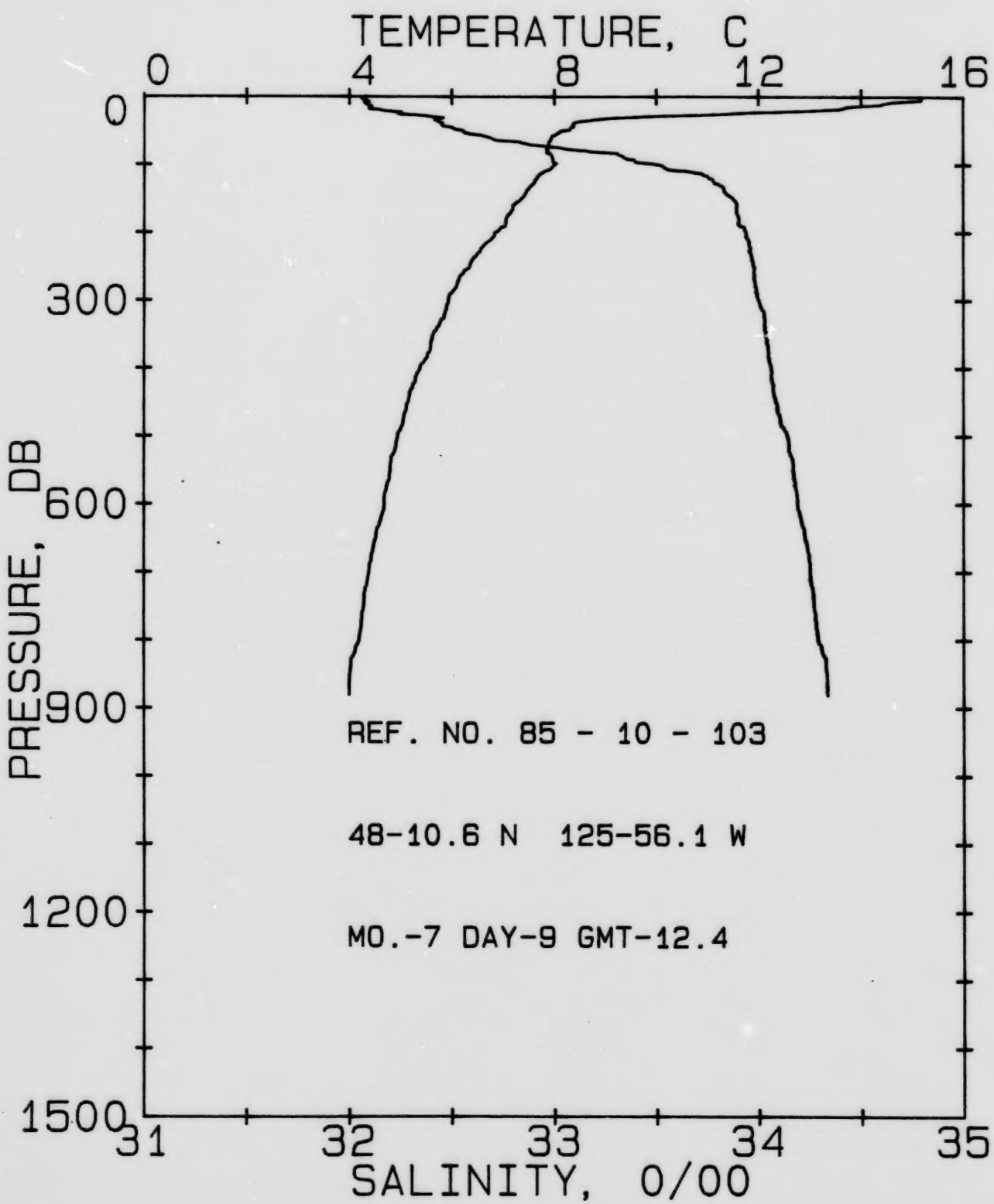
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 102
48-8.5 N 126-0.0 W
MO.-7 DAY-9 GMT-10.4
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10-102 DATE 9/ 7/85
POSITION 48- 8.5N, 126- .0W GMT 10.4 STATION LB14
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	15.24	32.07	0	23.69	421.5	.00	.00	1505.
10	15.01	32.08	10	23.75	416.4	.42	.02	1504.
20	11.14	32.23	20	24.62	333.3	.80	.08	1491.
30	10.47	32.29	30	24.78	318.0	1.12	.16	1489.
50	8.53	32.45	50	25.22	276.4	1.70	.40	1482.
75	7.95	32.82	75	25.60	240.9	2.35	.81	1481.
100	8.14	33.34	99	25.97	205.7	2.91	1.30	1483.
125	7.79	33.69	124	26.30	175.6	3.38	1.84	1482.
150	7.49	33.83	149	26.45	161.4	3.80	2.43	1482.
175	7.19	33.89	174	26.54	152.9	4.19	3.08	1481.
200	7.04	33.93	199	26.59	148.3	4.57	3.80	1481.
225	6.79	33.95	223	26.64	144.0	4.94	4.59	1481.
250	6.53	33.97	248	26.69	139.2	5.29	5.45	1480.
300	6.06	33.98	298	26.77	132.8	5.97	7.35	1479.
400	5.43	34.06	397	26.90	120.5	7.22	11.83	1478.
500	4.89	34.14	496	27.03	109.4	8.37	17.08	1478.
600	4.60	34.20	595	27.11	102.3	9.43	23.02	1478.
800	4.12	34.32	793	27.25	89.9	11.34	36.61	1480.
1000	3.64	34.39	991	27.36	80.6	13.03	52.08	1481.
DEEPEST MEASUREMENT:								
1101	3.39	34.43	1090	27.42	75.6	13.82	60.51	1482.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16
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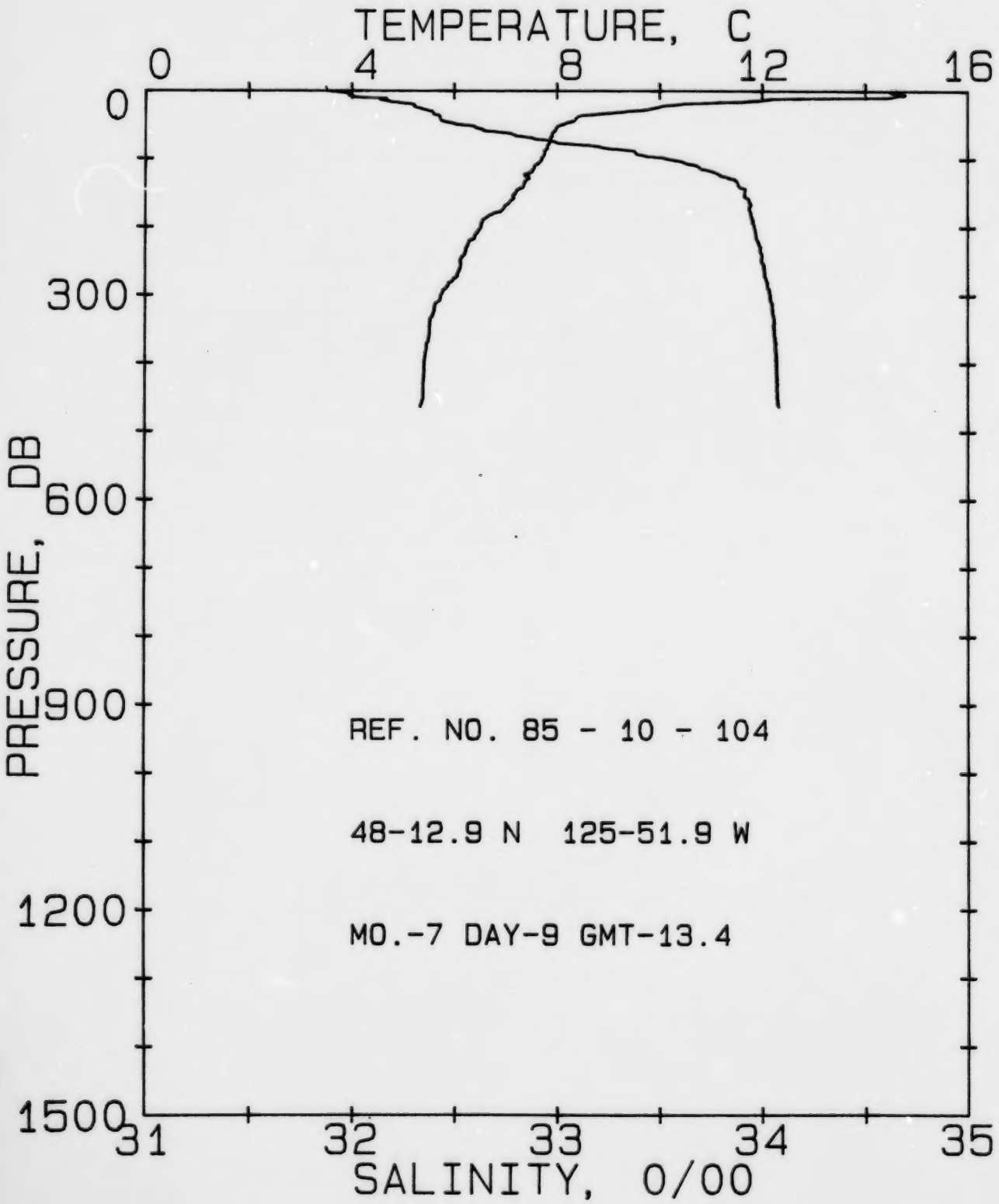
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 103
48-10.6 N 125-56.1 W
MO.-7 DAY-9 GMT-12.4
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10-103 DATE 9/ 7/85
POSITION 48-10.6N, 125-56.1W GMT 12.4 STATION LB13
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	15.18	32.08	0	23.71	419.4	.00	.00	1504.
10	14.44	32.08	10	23.87	404.8	.42	.02	1502.
20	13.06	32.16	20	24.21	372.6	.81	.08	1498.
30	9.57	32.41	30	25.02	295.0	1.14	.16	1486.
50	8.14	32.56	50	25.36	263.0	1.69	.39	1481.
75	7.86	33.02	75	25.76	225.5	2.31	.78	1481.
100	8.01	33.50	99	26.12	191.7	2.82	1.24	1483.
125	7.62	33.78	124	26.40	165.9	3.27	1.74	1482.
150	7.36	33.88	149	26.51	155.7	3.67	2.31	1481.
175	7.09	33.90	174	26.56	150.7	4.05	2.94	1481.
200	6.84	33.94	199	26.63	144.9	4.42	3.65	1480.
225	6.56	33.96	223	26.68	140.3	4.78	4.42	1480.
250	6.35	33.98	248	26.72	136.2	5.12	5.26	1479.
300	5.93	34.00	298	26.80	129.9	5.79	7.12	1478.
400	5.38	34.06	397	26.91	120.0	7.04	11.57	1478.
500	4.94	34.14	496	27.02	110.0	8.19	16.86	1478.
600	4.67	34.19	595	27.09	104.1	9.26	22.83	1478.
800	4.18	34.29	793	27.23	92.5	11.20	36.67	1480.
DEEPEST MEASUREMENT:								
881	3.98	34.34	873	27.28	87.6	11.93	42.91	1480.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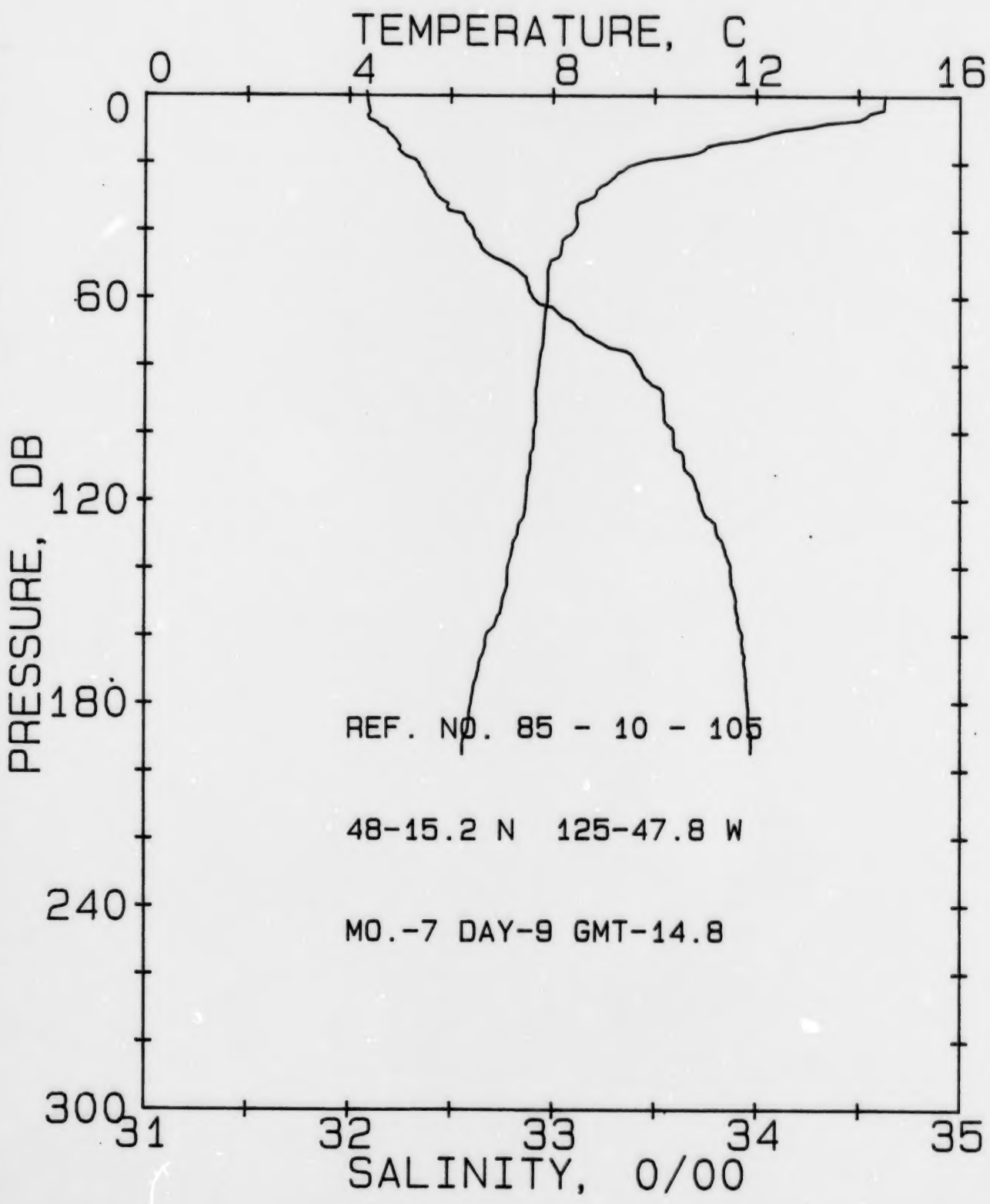
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 10 - 104
48-12.9 N 125-51.9 W
MO.-7 DAY-9 GMT-13.4
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10-104 DATE 9/ 7/85
POSITION 48-12.9N, 125-51.9W GMT 13.4 STATION LB12
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.61	31.88	0	23.67	423.0	.00	.00	1502.
10	14.41	32.05	10	23.85	406.4	.42	.02	1502.
20	10.39	32.31	20	24.81	315.0	.76	.07	1489.
30	9.39	32.39	30	25.04	293.2	1.07	.15	1485.
50	8.08	32.54	50	25.36	263.3	1.62	.38	1481.
75	7.85	32.99	75	25.74	227.4	2.23	.77	1481.
100	7.70	33.54	99	26.20	184.6	2.74	1.22	1481.
125	7.38	33.80	124	26.44	161.4	3.17	1.71	1481.
150	7.19	33.91	149	26.56	150.8	3.56	2.25	1481.
175	6.93	33.94	174	26.62	145.8	3.93	2.86	1480.
200	6.52	33.96	199	26.69	139.0	4.28	3.54	1479.
225	6.27	33.98	223	26.74	134.6	4.62	4.28	1478.
250	6.11	34.00	248	26.77	132.0	4.96	5.08	1478.
300	5.74	34.04	298	26.85	124.8	5.60	6.89	1478.
400	5.41	34.07	397	26.91	119.8	6.82	11.22	1478.
DEEPEST MEASUREMENT:								
463	5.33	34.08	459	26.93	118.6	7.57	14.52	1479.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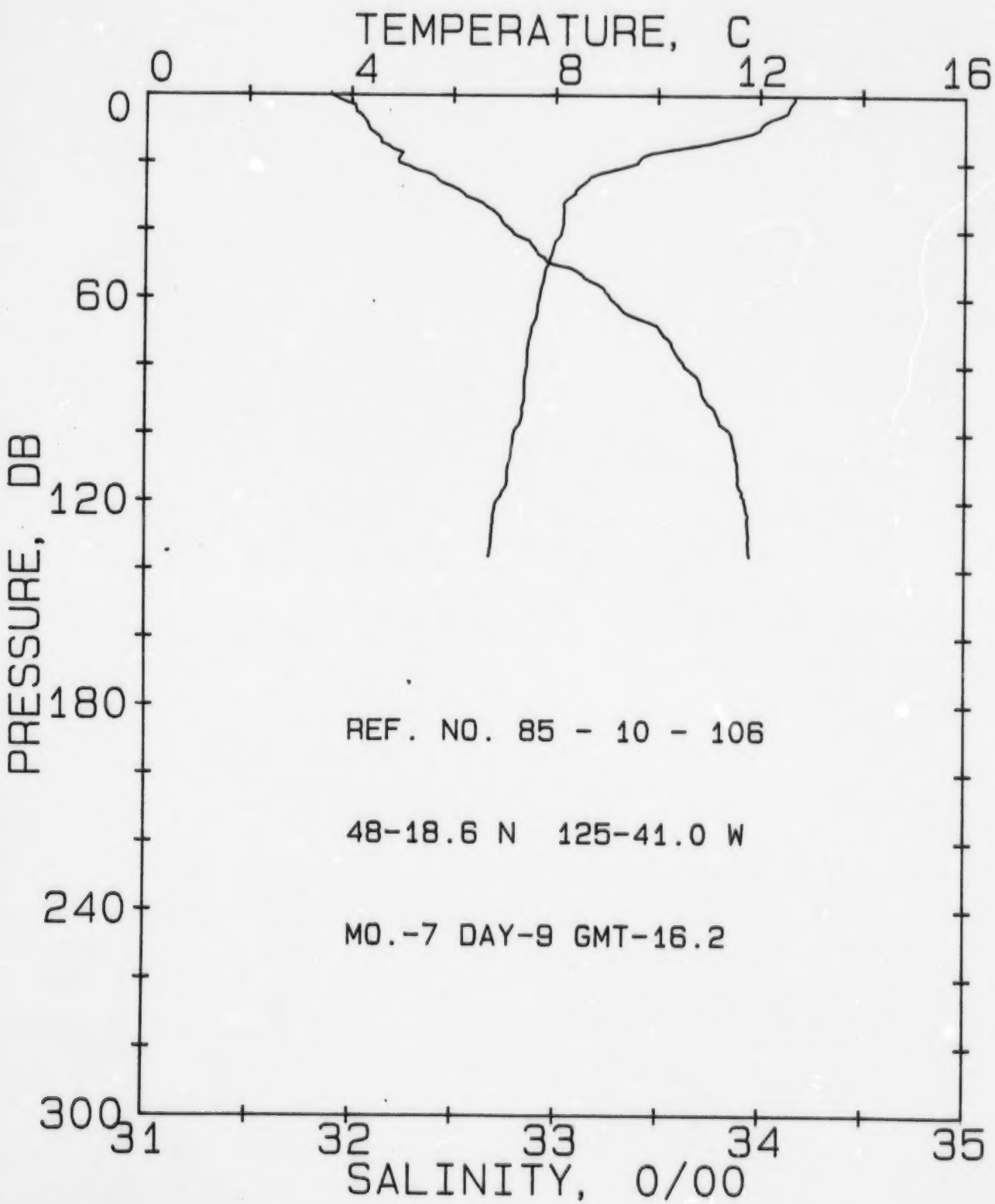
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 105
48-15.2 N 125-47.8 W
MO.-7 DAY-9 GMT-14.8
31
32
33
34
35
SALINITY, O/OO

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10-105 DATE 9/ 7/85
POSITION 48-15.2N, 125-47.8W GMT 14.8 STATION LB11
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.52	32.09	0	23.86	405.8	.00	.00	1502.
10	12.57	32.18	10	24.32	361.6	.40	.02	1496.
20	9.68	32.34	20	24.95	301.3	.73	.07	1486.
30	8.81	32.44	30	25.17	281.2	1.02	.14	1483.
50	7.94	32.78	50	25.57	243.5	1.54	.36	1481.
75	7.80	33.28	75	25.97	205.2	2.11	.72	1481.
100	7.63	33.59	99	26.25	179.7	2.58	1.13	1481.
125	7.43	33.76	124	26.40	165.4	3.01	1.63	1481.
150	7.01	33.90	149	26.57	149.3	3.40	2.17	1480.
175	6.45	33.95	174	26.69	138.6	3.76	2.77	1478.
DEEPEST MEASUREMENT:								
195	6.23	33.97	194	26.74	134.4	4.03	3.28	1478.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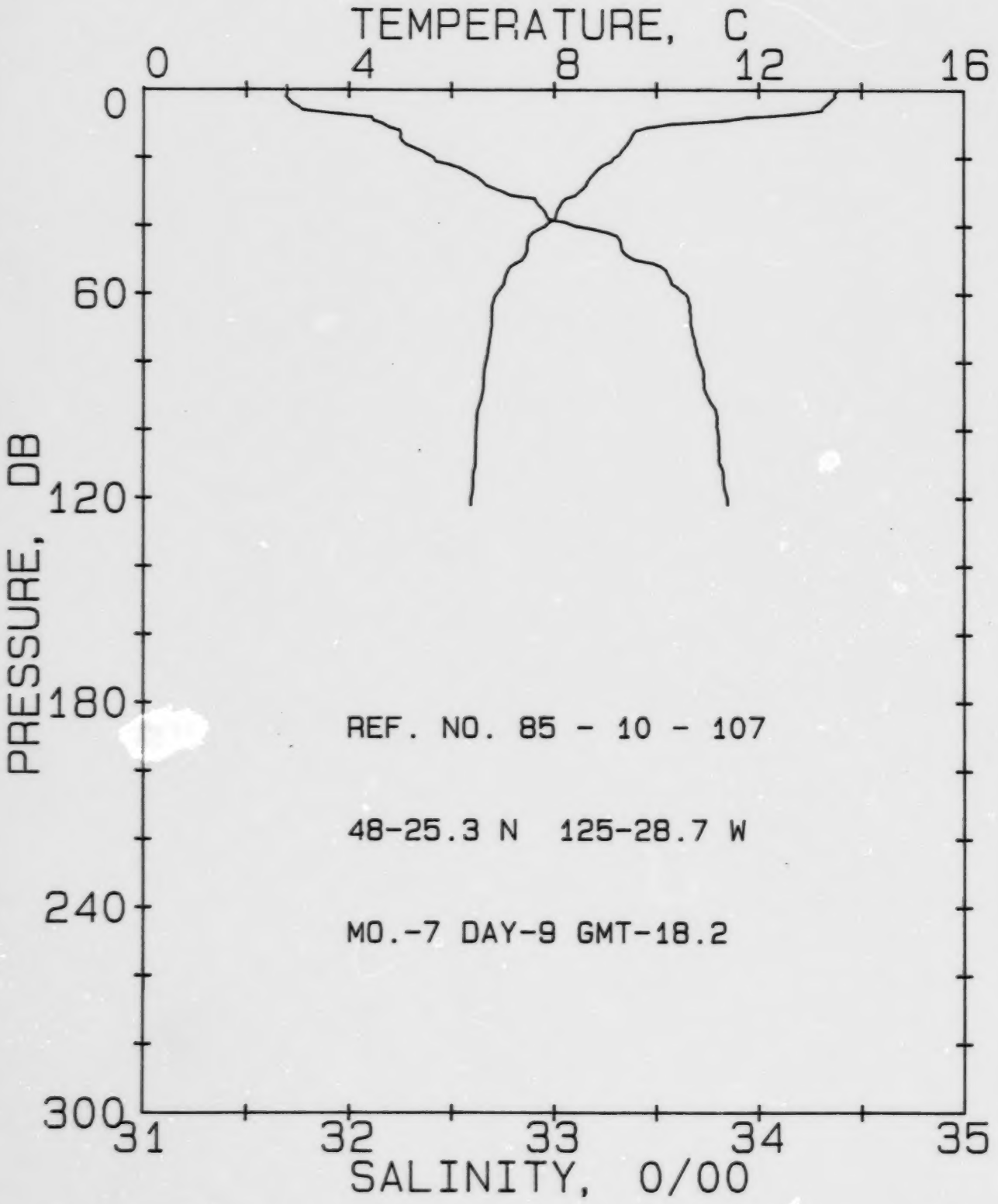
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 106
48-18.6 N 125-41.0 W
MO.-7 DAY-9 GMT-16.2
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10-106 DATE 9/ 7/85
POSITION 48-18.6N, 125-41.0W GMT 16.2 STATION LB10
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.68	31.90	0	24.08	384.2	.00	.00	1496.
10	12.00	32.09	10	24.36	358.2	.37	.02	1494.
20	9.60	32.23	20	24.88	308.0	.70	.07	1486.
30	8.29	32.57	30	25.35	264.2	.98	.14	1481.
50	7.86	32.99	50	25.74	227.1	1.47	.34	1481.
75	7.46	33.58	75	26.26	178.2	1.97	.65	1480.
100	7.18	33.86	99	26.52	153.8	2.38	1.02	1480.
125	6.78	33.94	124	26.64	142.9	2.76	1.45	1479.

DEEPEST MEASUREMENT:

136	6.70	33.95	135	26.66	141.1	2.91	1.66	1479.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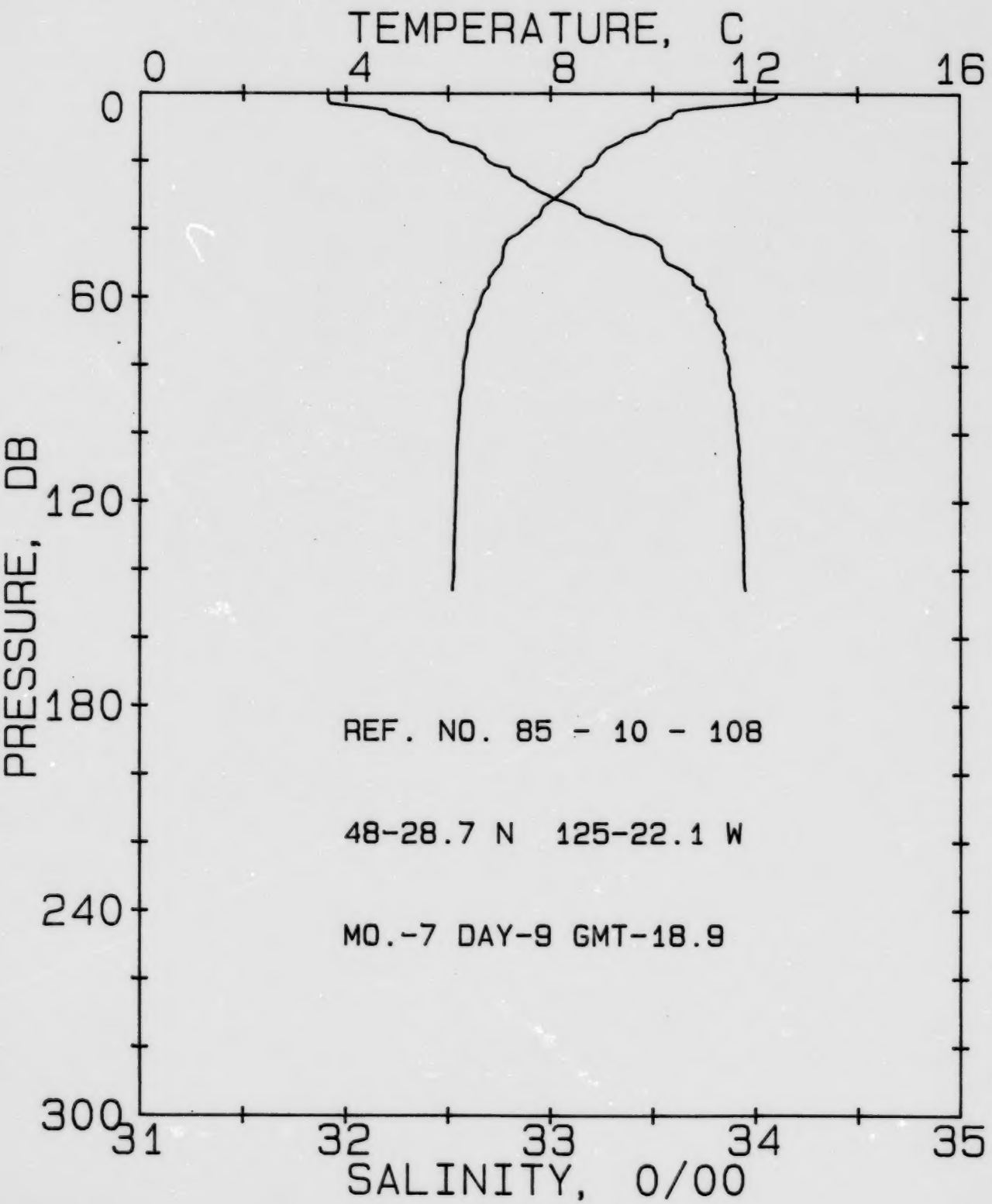
300
PRESSURE, DB
REF. NO. 85 - 10 - 107
48-25.3 N 125-28.7 W
MO.-7 DAY-9 GMT-18.2
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10-107 DATE 9/ 7/85
POSITION 48-25.3N, 125-28.7W GMT 18.2 STATION LB 8
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.55	31.70	0	23.76	415.2	.00	.00	1499.
10	10.28	32.17	10	24.72	323.5	.39	.02	1488.
20	9.16	32.42	20	25.10	287.9	.69	.07	1484.
30	8.48	32.75	30	25.46	253.3	.96	.13	1482.
50	7.36	33.39	50	26.13	190.2	1.40	.31	1479.
75	6.73	33.69	75	26.45	160.3	1.81	.57	1477.
100	6.48	33.80	99	26.56	149.4	2.20	.92	1477.
125	6.36	33.85	124	26.62	144.5	2.57	1.34	1477.
DEEPEST MEASUREMENT:								
122	6.37	33.85	121	26.62	144.7	2.52	1.28	1477.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300
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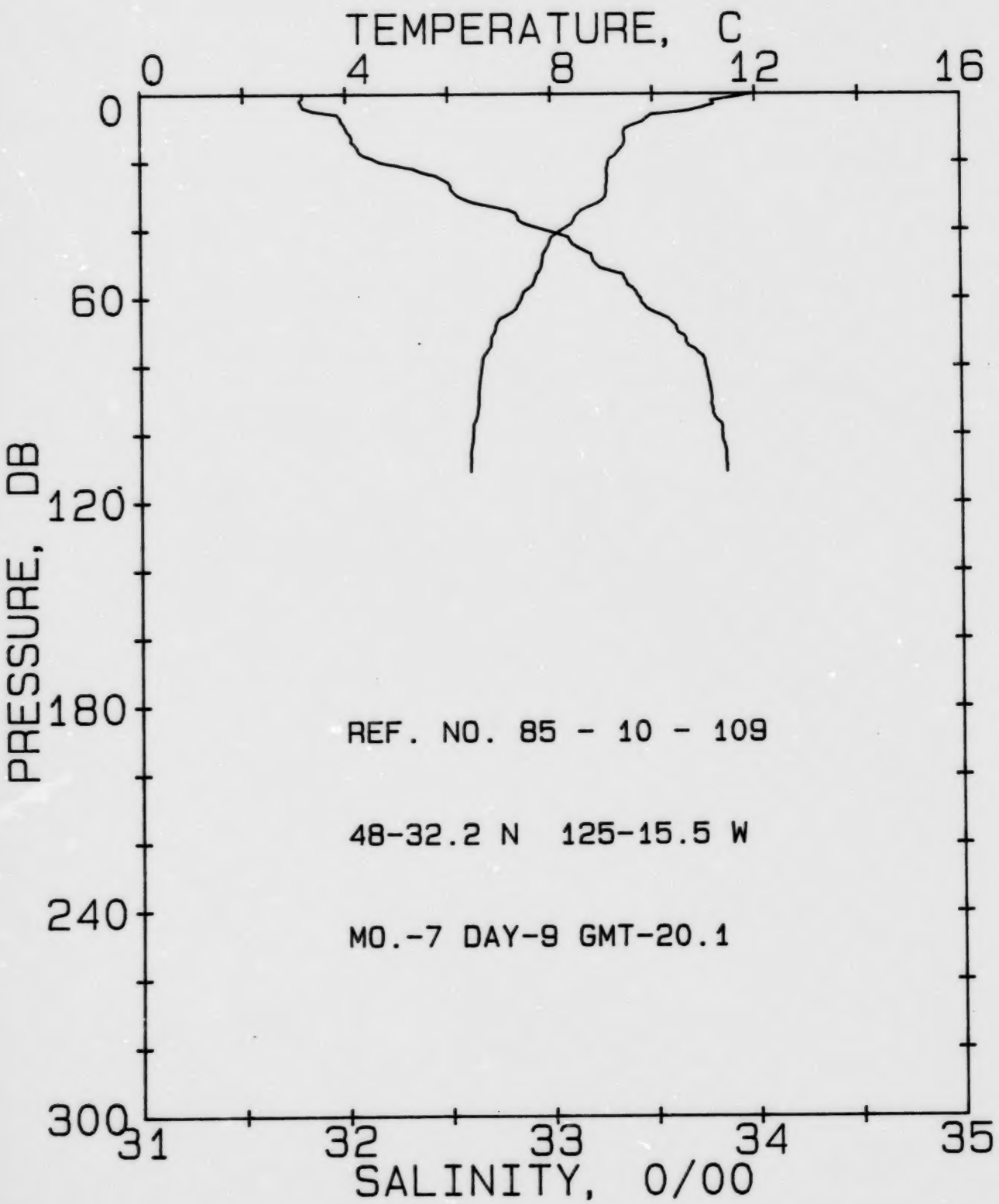
48-28.7 N 125-22.1 W
MO.-7 DAY-9 GMT-18.9
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10-108 DATE 9/ 7/85
POSITION 48-28.7N, 125-22.1W GMT 18.9 STATION LB 7
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.43	31.91	0	24.14	378.7	.00	.00	1495.
10	9.96	32.38	10	24.94	302.4	.34	.02	1487.
20	8.90	32.70	20	25.36	263.0	.62	.06	1484.
30	8.15	32.99	30	25.70	230.6	.86	.12	1481.
50	7.03	33.58	50	26.32	172.3	1.25	.28	1478.
75	6.36	33.85	75	26.62	143.6	1.64	.52	1476.
100	6.19	33.91	99	26.69	137.1	1.99	.83	1476.
125	6.13	33.94	124	26.72	134.8	2.33	1.22	1476.
DEEPEST MEASUREMENT:								
146	6.08	33.95	145	26.74	133.5	2.61	1.61	1476.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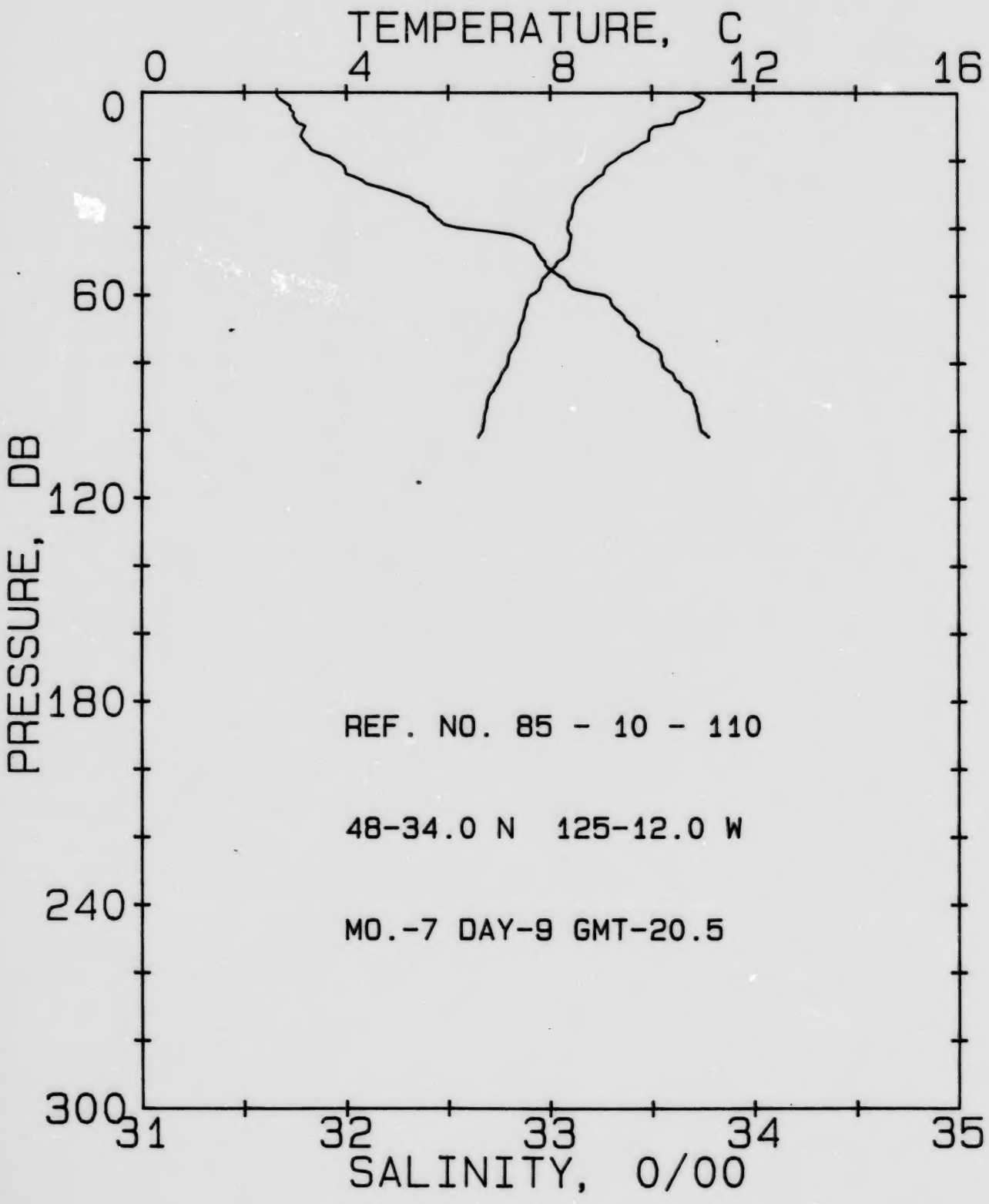
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 109
48-32.2 N 125-15.5 W
MO.-7 DAY-9 GMT-20.1
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10-109 DATE 9/ 7/85
POSITION 48-32.2N, 125-15.5W GMT 20.1 STATION LB 6
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.96	31.79	0	24.13	379.3	.00	.00	1493.
10	9.47	32.00	10	24.72	323.1	.35	.02	1485.
20	9.13	32.17	20	24.91	306.0	.67	.07	1484.
30	9.08	32.55	30	25.21	276.9	.95	.14	1484.
50	7.82	33.22	50	25.93	209.4	1.42	.33	1481.
75	6.77	33.70	75	26.45	159.9	1.88	.62	1478.
100	6.46	33.83	99	26.59	146.5	2.26	.95	1477.
DEEPEST MEASUREMENT:								
111	6.41	33.85	110	26.62	144.4	2.42	1.13	1477.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12
16
0
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120
180
240
300
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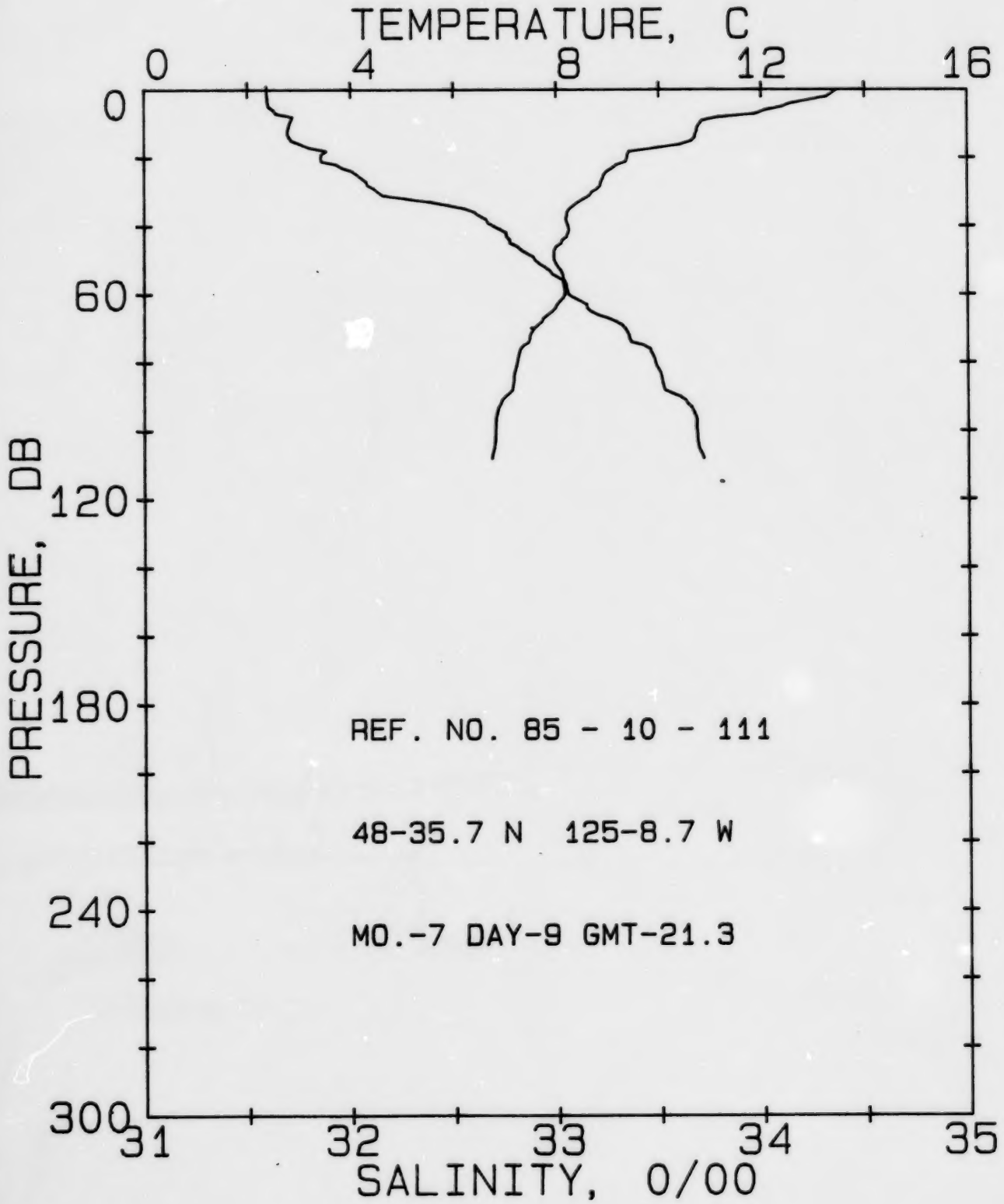
REF. NO. 85 - 10 - 110
48-34.0 N 125-12.0 W
MO.-7 DAY-9 GMT-20.5
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10-110 DATE 9/ 7/85
POSITION 48-34.0N, 125-12.0W GMT 20.5 STATION LB 5
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.82	31.66	0	24.24	369.5	.00	.00	1489.
10	10.05	31.80	10	24.47	347.0	.36	.02	1487.
20	9.28	31.95	20	24.71	324.5	.70	.07	1484.
30	8.56	32.27	30	25.07	290.5	1.01	.15	1482.
50	8.14	32.98	50	25.69	232.1	1.53	.36	1482.
75	7.29	33.50	75	26.22	181.5	2.05	.68	1479.
100	6.66	33.74	99	26.49	156.2	2.46	1.05	1478.
DEEPEST MEASUREMENT:								
102	6.58	33.78	101	26.54	152.2	2.49	1.08	1477.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4
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16
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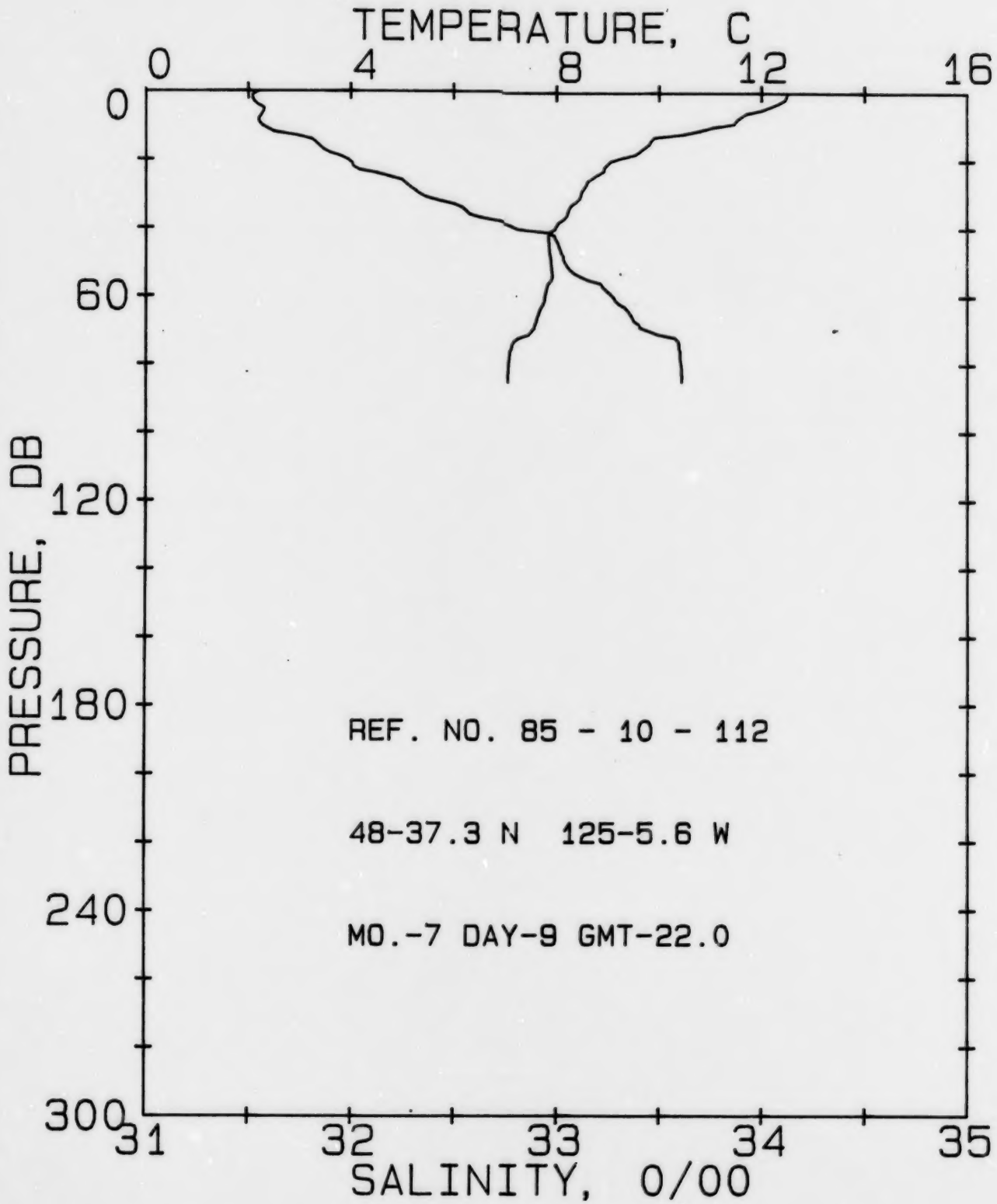
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 111
48-35.7 N 125-8.7 W
MO.-7 DAY-9 GMT-21.3
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10-111 DATE 9/ 7/85
POSITION 48-35.7N, 125- 8.7W GMT 21.3 STATION LB 4
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.47	31.60	0	23.69	421.3	.00	.00	1498.
10	10.80	31.71	10	24.27	366.1	.40	.02	1489.
20	9.38	31.86	20	24.62	332.7	.75	.07	1484.
30	8.69	32.13	30	24.95	302.0	1.07	.15	1482.
50	7.96	32.90	50	25.65	235.2	1.58	.36	1481.
75	7.36	33.43	75	26.15	188.1	2.12	.70	1480.
100	6.81	33.68	99	26.43	162.2	2.56	1.09	1478.
DEEPEST MEASUREMENT:								
108	6.74	33.71	107	26.46	159.1	2.69	1.23	1478.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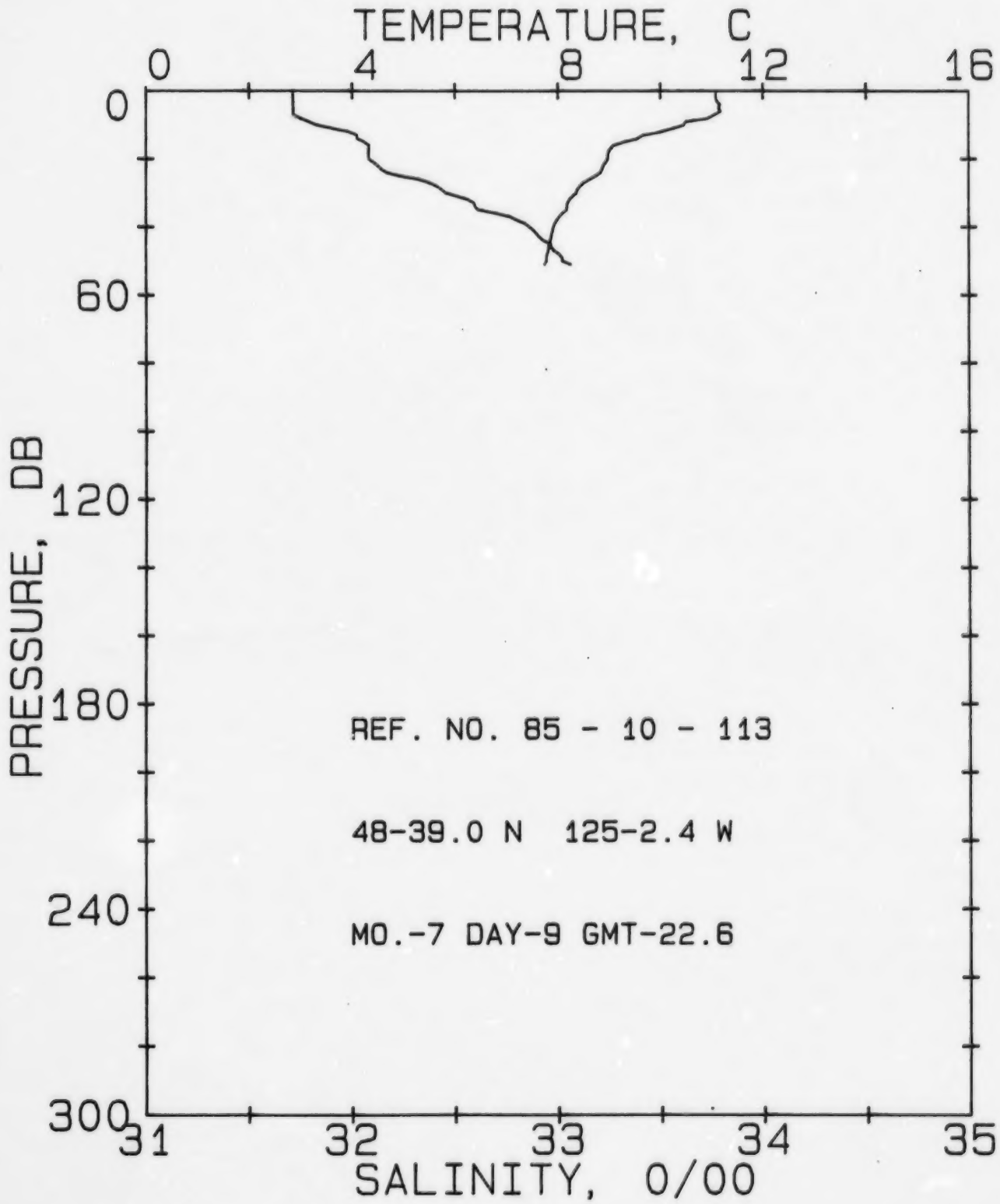
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 112
48-37.3 N 125-5.6 W
MO.-7 DAY-9 GMT-22.0
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10-112 DATE 9/ 7/85
POSITION 48-37.3N, 125- 5.6W GMT 22.0 STATION LB 3
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.52	31.55	0	23.84	406.9	.00	.00	1495.
10	11.06	31.57	10	24.12	380.5	.40	.02	1490.
20	9.07	31.99	20	24.78	318.2	.74	.07	1483.
30	8.48	32.34	30	25.14	283.9	1.04	.15	1482.
50	7.89	33.04	50	25.78	223.5	1.53	.35	1481.
75	7.13	33.60	75	26.32	172.4	2.03	.66	1479.

DEEPEST MEASUREMENT:

85	7.05	33.61	84	26.34	170.5	2.20	.80	1479.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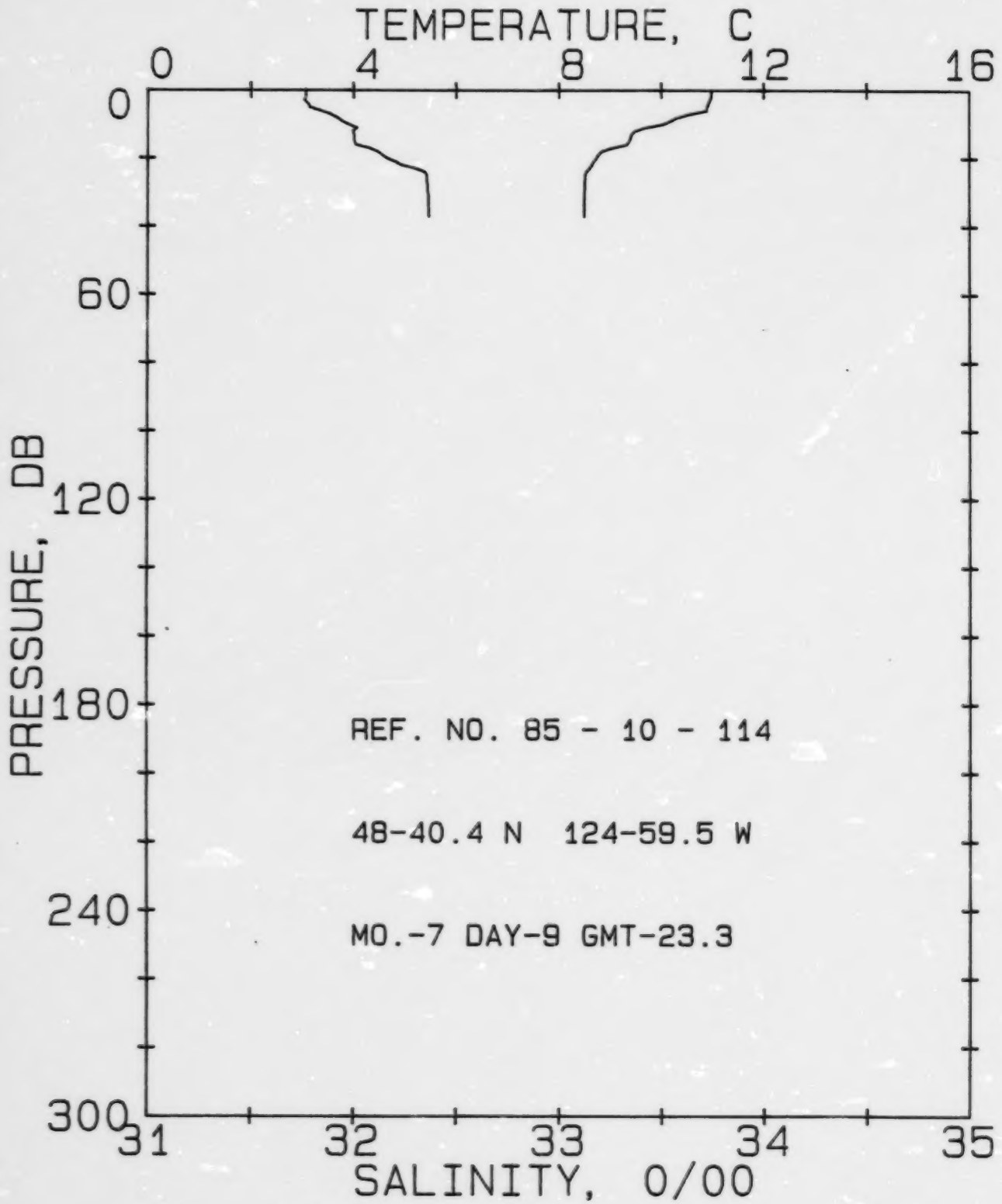
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 113
48-39.0 N 125-2.4 W
MO.-7 DAY-9 GMT-22.6
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10-113 DATE 9/ 7/85
POSITION 48-39.0N, 125- 2.4W GMT 22.6 STATION LB 2
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.09	31.71	0	24.23	370.1	.00	.00	1490.
10	10.46	31.83	10	24.43	351.6	.37	.02	1488.
20	8.98	32.08	20	24.86	309.9	.69	.07	1483.
30	8.36	32.46	30	25.25	273.5	.98	.14	1481.
50	7.78	33.02	50	25.78	223.4	1.47	.34	1480.
DEEPEST MEASUREMENT:								
51	7.74	33.06	51	25.81	220.1	1.49	.35	1480.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12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 10 - 114
48-40.4 N 124-59.5 W
MO.-7 DAY-9 GMT-23.3
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-10-114 DATE 9/ 7/85
POSITION 48-40.4N, 124-59.5W GMT 23.3 STATION LB 1
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.99	31.77	0	24.29	364.2	.00	.00	1490.
10	10.04	31.97	10	24.61	333.9	.36	.02	1487.
20	8.74	32.17	20	24.97	300.2	.67	.07	1482.
30	8.50	32.36	30	25.16	282.3	.96	.14	1482.

DEEPEST MEASUREMENT:

37	8.50	32.37	37	25.16	281.9	1.16	.21	1482.

PRES	DEPTH	TEMP	SAL	PRES	DEPTH	TEMP	SAL
0.		10.99	31.77	19.		8.77	32.14
1.		10.99	31.77	20.		8.74	32.17
2.		10.99	31.77	21.		8.68	32.21
3.		10.95	31.76	22.		8.65	32.23
4.		10.93	31.78	23.		8.60	32.30
5.		10.90	31.79	24.		8.54	32.35
6.		10.90	31.84	25.		8.51	32.36
7.		10.56	31.89	26.		8.51	32.36
8.		10.32	31.92	27.		8.51	32.36
9.		10.19	31.94	28.		8.50	32.36
10.		10.04	31.97	29.		8.51	32.36
11.		9.68	32.02	30.		8.50	32.36
12.		9.49	32.00	31.		8.50	32.37
13.		9.42	32.00	32.		8.50	32.37
14.		9.41	32.00	33.		8.50	32.37
15.		9.38	32.00	34.		8.50	32.37
16.		9.32	32.01	35.		8.50	32.37
17.		9.02	32.08	36.		8.50	32.37
18.		8.83	32.12	37.		8.50	32.37

OCEAN PHYSICS DIVISION
REFERENCE NO. 85- 10- 90 DATE 8/ 7/85 GMT 17.4
POSITION 48-48.7 N, 125-31.0 W STATION LC02
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			7.222
10			6.800
20			4.726
30			4.078
50			3.464
75			2.172
100			2.106

OCEAN PHYSICS DIVISION
REFERENCE NO. 85- 10- 92 DATE 8/ 7/85 GMT 18.9
POSITION 48-53.2 N, 125-57.0 W STATION LC04
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			7.697
10			6.212
20			4.987
30			4.255
75			2.444
100			2.361
125			2.364
150			2.079

OCEAN PHYSICS DIVISION
REFERENCE NO. 85- 10- 93 DATE 8/ 7/85 GMT 19.8
POSITION 48-39.9 N, 125-47.4 W STATION LC05
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			8.387
10			8.307
20			6.616
30			4.024
50			2.918

OCEAN PHYSICS DIVISION
REFERENCE NO. 85- 10- 94 DATE 8/ 7/85 GMT 21.0
POSITION 48-36.5 N, 125-54.0 W STATION LC06
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.043
20			4.320
30			3.631
50			3.374
75			2.049

OCEAN PHYSICS DIVISION
REFERENCE NO. 85- 10- 96 DATE 8/ 7/85 GMT 22.7
POSITION 48-29.5 N, 126- 7.1 W STATION LC08
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.943
10			6.510
20			6.586
30			6.228
50			5.741
75			4.243
100			3.473
125			2.033
150			2.063
175			2.090
185			2.115

OCEAN PHYSICS DIVISION
REFERENCE NO. 85- 10- 98 DATE 9/ 7/85 GMT 2.5
POSITION 48-22.4 N, 126-20.2 W STATION LC10
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.103
10			6.463
20			6.673
30			6.600
50			6.633
75			6.176
100			4.427
125			3.567
150			3.161
175			2.866
200			2.671
250			2.269
300			1.961
400			1.513
500			1.020
600			.698
800			.354
1000			.280
1200			.483

OCEAN PHYSICS DIVISION
REFERENCE NO. 85- 10-102 DATE 9/ 7/85 GMT 11.6
POSITION 48- 8.5 N, 126- .0 W STATION LB14
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.095
10			6.215
20			6.867
30			7.044
50			6.338
75			5.426
100			4.228
125			3.557
150			3.125
175			3.047
200			2.833
250			2.459
300			2.057
400			1.207
500			.809
600			.591
800			.371
1000			.367

OCEAN PHYSICS DIVISION
REFERENCE NO. 85- 10-104 DATE 9/ 7/85 GMT 14.1
POSITION 48-12.9 N, 125-51.9 W STATION LB12
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.414
10			6.547
20			7.035
30			6.327
50			5.835
75			4.465
100			3.586
125			3.354
150			3.021
175			2.845
200			2.493
250			1.983
300			1.484
400			1.555
450			1.186

OCEAN PHYSICS DIVISION
REFERENCE NO. 85- 10-105 DATE 9/ 7/85 GMT 15.2
POSITION 48-15.2 N, 125-47.8 W STATION LB11
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.670
10			6.987
20			6.953
30			5.968
50			5.565
100			3.598
125			3.112
150			2.659
175			2.471
185			2.384

OCEAN PHYSICS DIVISION
REFERENCE NO. 85- 10-106 DATE 9/ 7/85 GMT 16.5
POSITION 48-18.6 N, 125-41.4 W STATION LB10
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			7.361
10			7.150
20			6.696
30			5.005
50			4.535
75			3.498
100			3.182
125			2.763
135			2.674

OCEAN PHYSICS DIVISION
REFERENCE NO. 85- 10-108 DATE 9/ 7/85 GMT 19.3
POSITION 48-28.7 N, 125-22.1 W STATION LB07
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			8.191
10			5.284
20			4.048
30			3.012
50			1.845
75			1.636
100			1.571
125			1.494
140			1.478

OCEAN PHYSICS DIVISION
REFERENCE NO. 85- 10-110 DATE 9/ 7/85 GMT 20.8
POSITION 48-28.6 N, 125-22.1 W STATION LB05
HYDROGRAPHIC CAST DATA

OBSERVED DATA

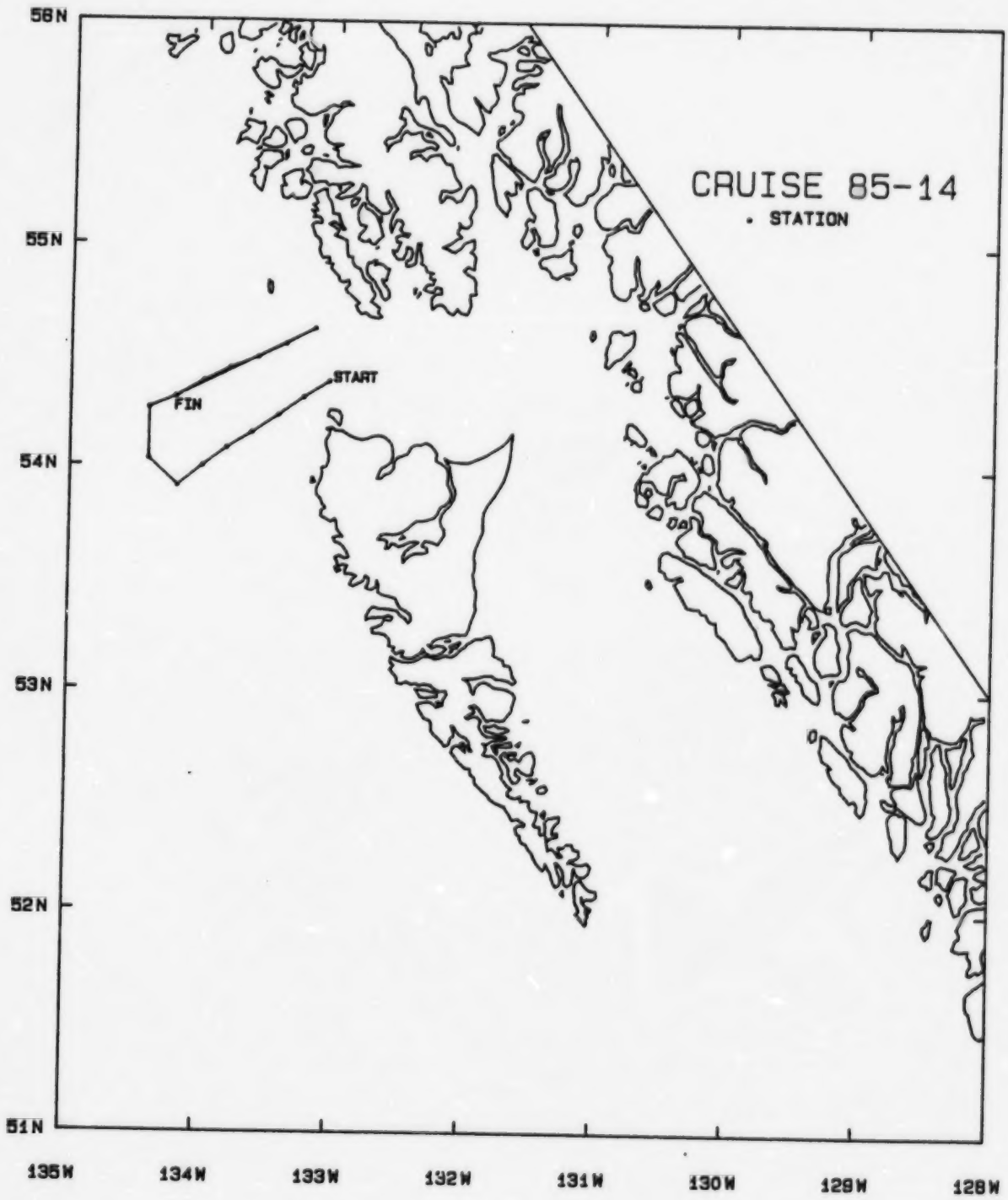
DEPTH	TEMP	SAL	OXY
0			6.224
10			5.739
20			4.348
30			3.757
50			3.866
75			2.933
190			2.062

OCEAN PHYSICS DIVISION
REFERENCE NO. 85- 10-112 DATE 9/ 7/85 GMT 22.2
POSITION 48-37.3 N, 125- 5.6 W STATION LB03
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			8.072
10			7.008
20			4.380
30			3.696
50			3.398
75			2.635

CRUISE 85-14
5-8 DEC. 1985


CRUISE 85-14
• STATION
START
FIN
56N
55N
54N
53N
52N
51N
135W
134W
133W
132W
131W
130W
129W
128W

NORTH COAST OCEANIC DYNAMICS EXPERIMENT

Key to information written on Plot pages and Listing pages.

PLOT PAGE

Ref. No. Year-Month-Station Consecutive Number
Latitude (N) Longitude (W)
Month Day Time (GMT)*

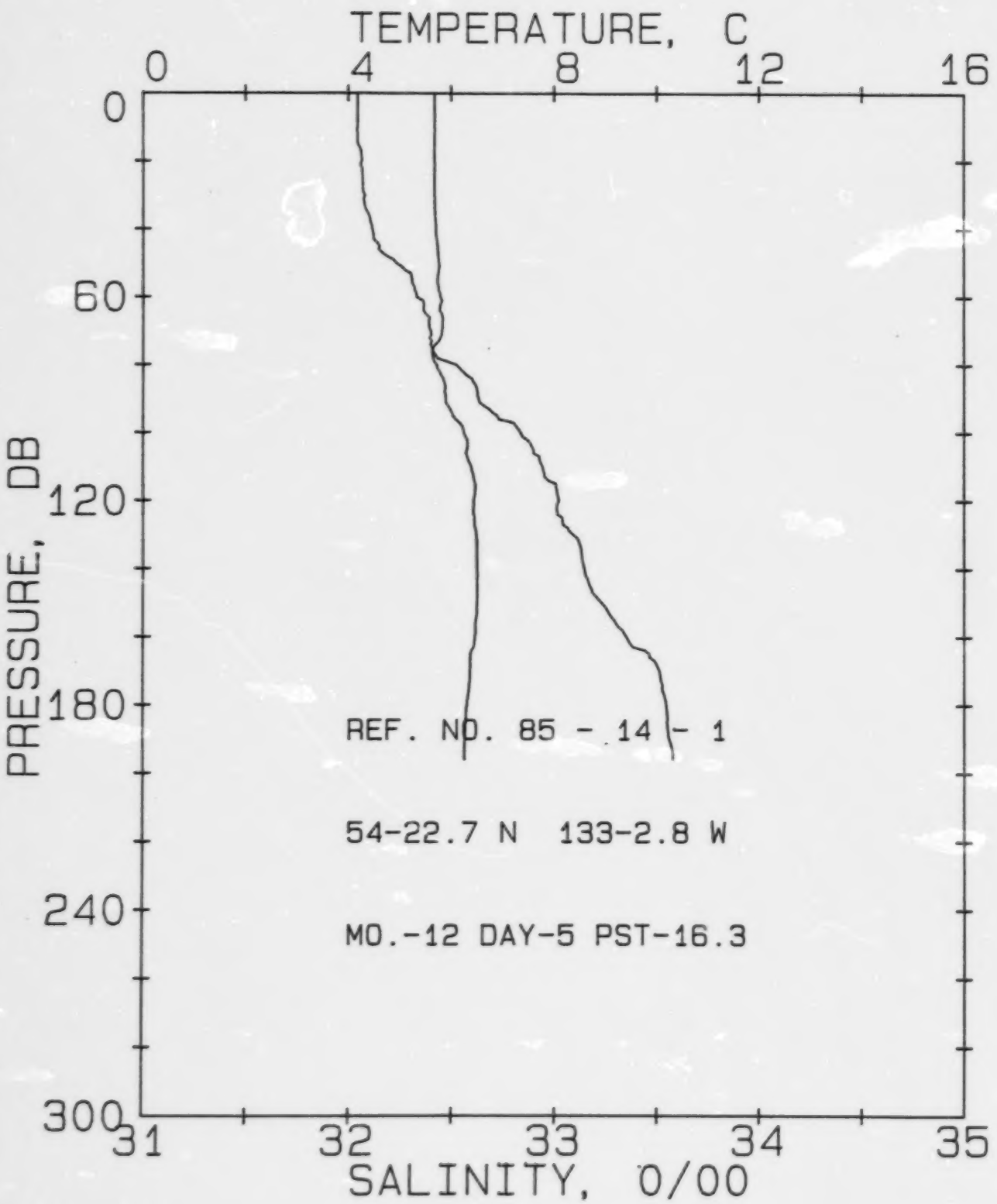
*PST = GMT - 8 hours

LISTING PAGE

Ref. No. Year-Month-Station Reference Number Date (D/Mo/Yr)
Position Latitude (N) Longitude (W) GMT (Hours) Station ID
Results of STP Cast ...Number of 1-metre averaged points
taken from digital system... Guildline (CTP) was used...
Pressures (in db) are input

PARAMETERS, SYMBOLS, UNITS

DEPTH: DEPTH in metres
TEMPERATURE: TEMP in degrees Celcius
SALINITY: SAL in grams per kilogram
SIGMA-T: SIG-T (dimensionless)
SPECIFIC VOLUME ANOMALY: SVA in 10Exp(-5)* cm3/gram
GEOPOTENTIAL ANOMALY: DELTA-D in Joules/Kilogram
POTENTIAL ENERGY: POT. EN. in 10Exp(8) Ergs/cm2
SPEED OF SOUND: SOUND in metres/second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60
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240
300
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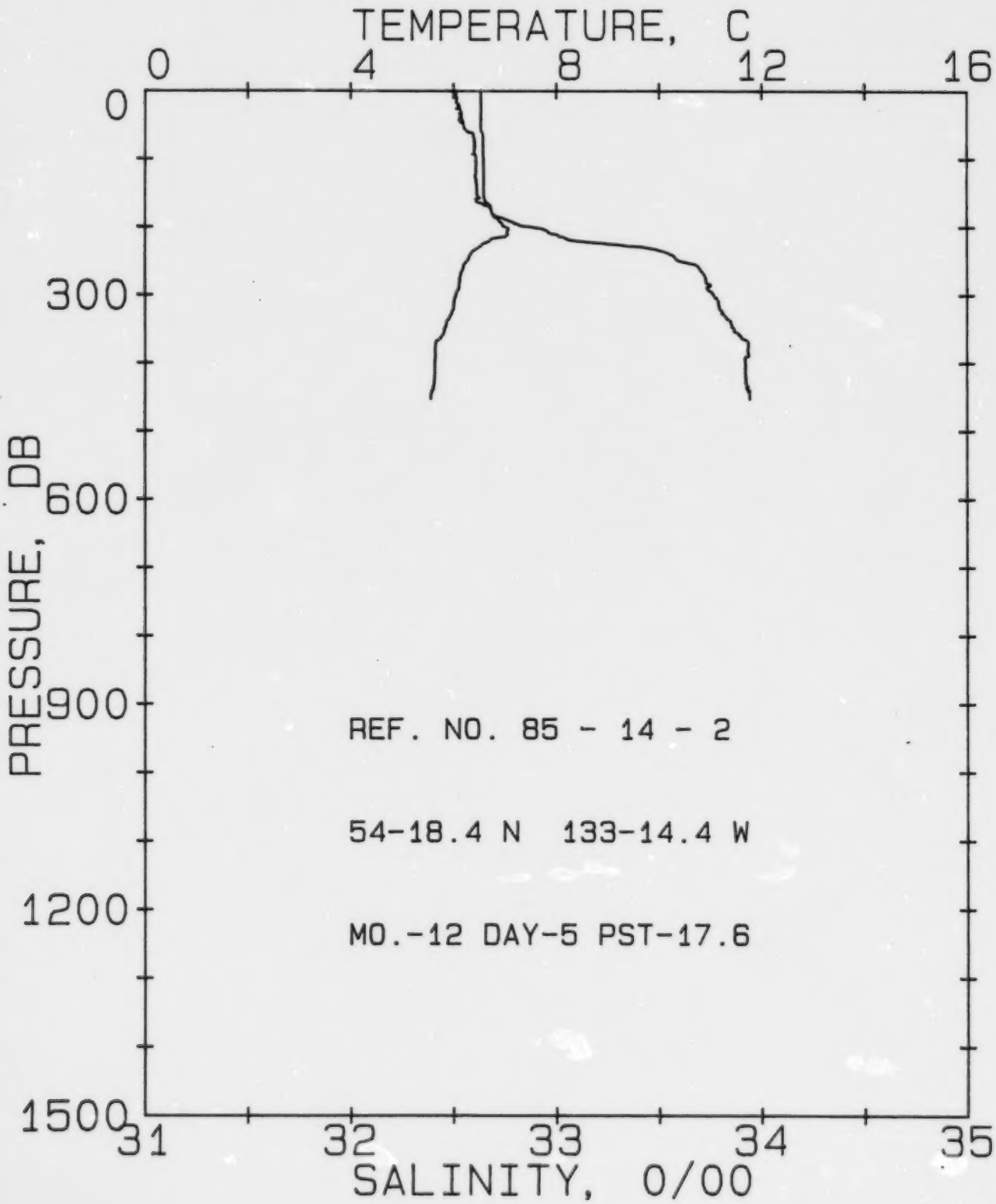
REF. NO. 85 - 14 - 1
54-22.7 N 133-2.8 W
MO.-12 DAY-5 PST-16.3
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-14- 1 DATE 5/12/85
POSITION 54-22.7N, 133- 2.8W PST 16.3 STATION HC17
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	5.68	32.05	0	25.29	269.5	.00	.00	1470.
10	5.68	32.04	10	25.28	269.8	.27	.01	1470.
20	5.68	32.07	20	25.30	268.3	.54	.05	1470.
30	5.68	32.08	30	25.31	267.2	.81	.12	1470.
50	5.76	32.23	50	25.42	256.8	1.34	.34	1471.
75	5.64	32.41	75	25.57	242.7	1.96	.73	1471.
100	6.24	32.84	99	25.84	217.8	2.53	1.24	1475.
125	6.45	33.04	124	25.97	205.7	3.06	1.85	1476.
150	6.50	33.23	149	26.12	192.3	3.56	2.55	1477.
175	6.35	33.53	174	26.37	168.7	4.00	3.29	1477.
DEEPEST MEASUREMENT:								
196	6.25	33.58	195	26.42	163.9	4.35	3.94	1477.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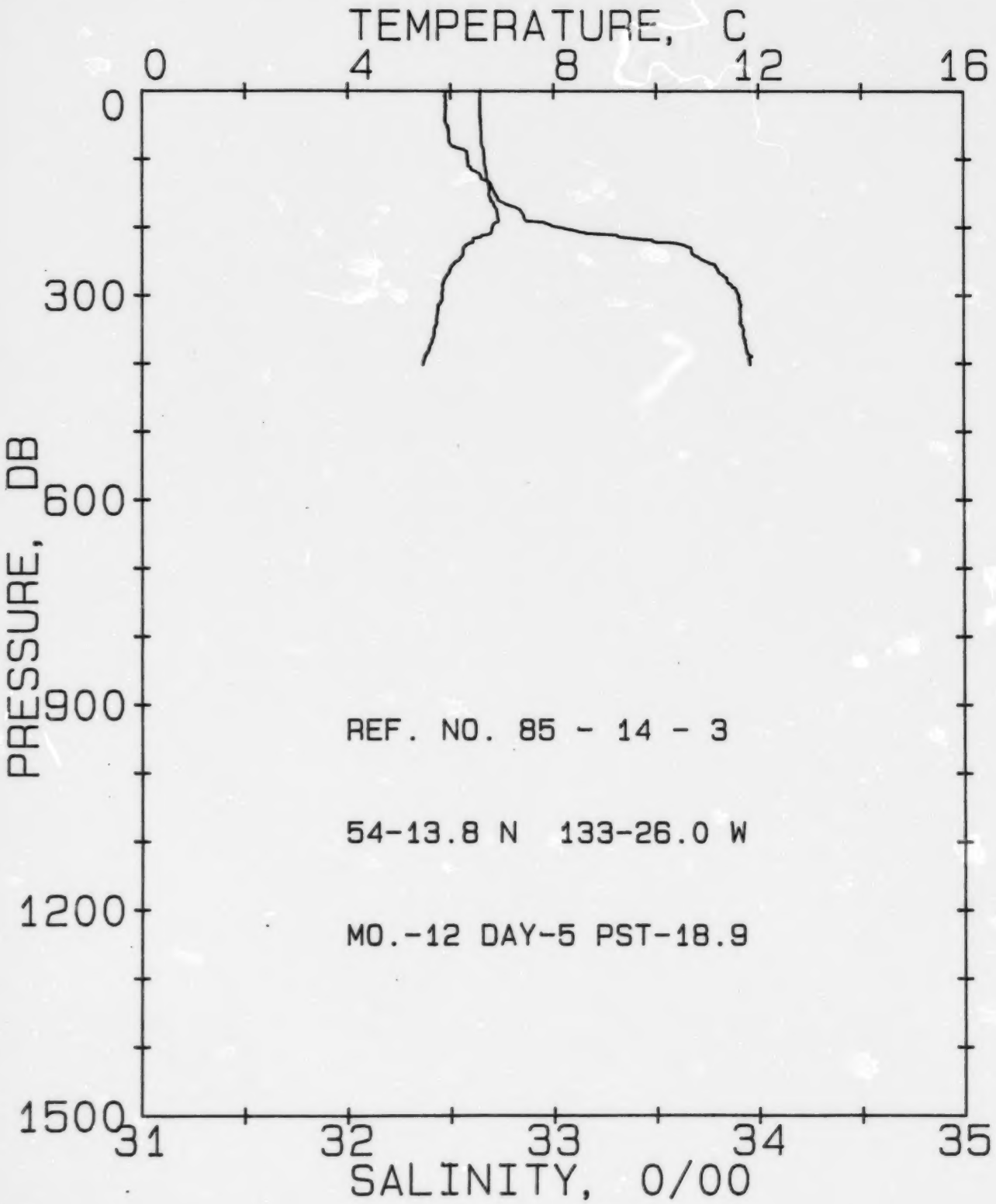
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 14 - 2
54-18.4 N 133-14.4 W
MO.-12 DAY-5 PST-17.6
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-14- 2 DATE 5/12/85
POSITION 54-18.4N, 133-14.4W PST 17.6 STATION HC16
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	6.53	32.51	0	25.55	244.5	.00	.00	1474.
10	6.53	32.52	10	25.55	244.3	.24	.01	1474.
20	6.53	32.53	20	25.56	243.7	.49	.05	1474.
30	6.53	32.54	30	25.57	243.1	.73	.11	1474.
50	6.53	32.55	50	25.58	242.5	1.22	.31	1475.
75	6.58	32.60	75	25.61	239.3	1.82	.69	1475.
100	6.59	32.61	99	25.62	239.4	2.42	1.23	1476.
125	6.59	32.61	124	25.61	239.9	3.02	1.91	1476.
150	6.59	32.61	149	25.62	239.8	3.62	2.75	1477.
175	6.74	32.68	174	25.66	236.6	4.21	3.74	1478.
200	7.01	32.88	199	25.77	226.0	4.80	4.85	1480.
225	6.57	33.25	223	26.12	193.0	5.33	6.01	1479.
250	6.26	33.60	248	26.44	163.3	5.76	7.05	1478.
300	6.04	33.77	298	26.60	148.7	6.53	9.20	1479.
400	5.63	33.92	397	26.77	133.4	7.92	14.15	1479.
DEEPEST MEASUREMENT:								
453	5.55	33.94	449	26.80	131.4	8.62	17.19	1479.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12
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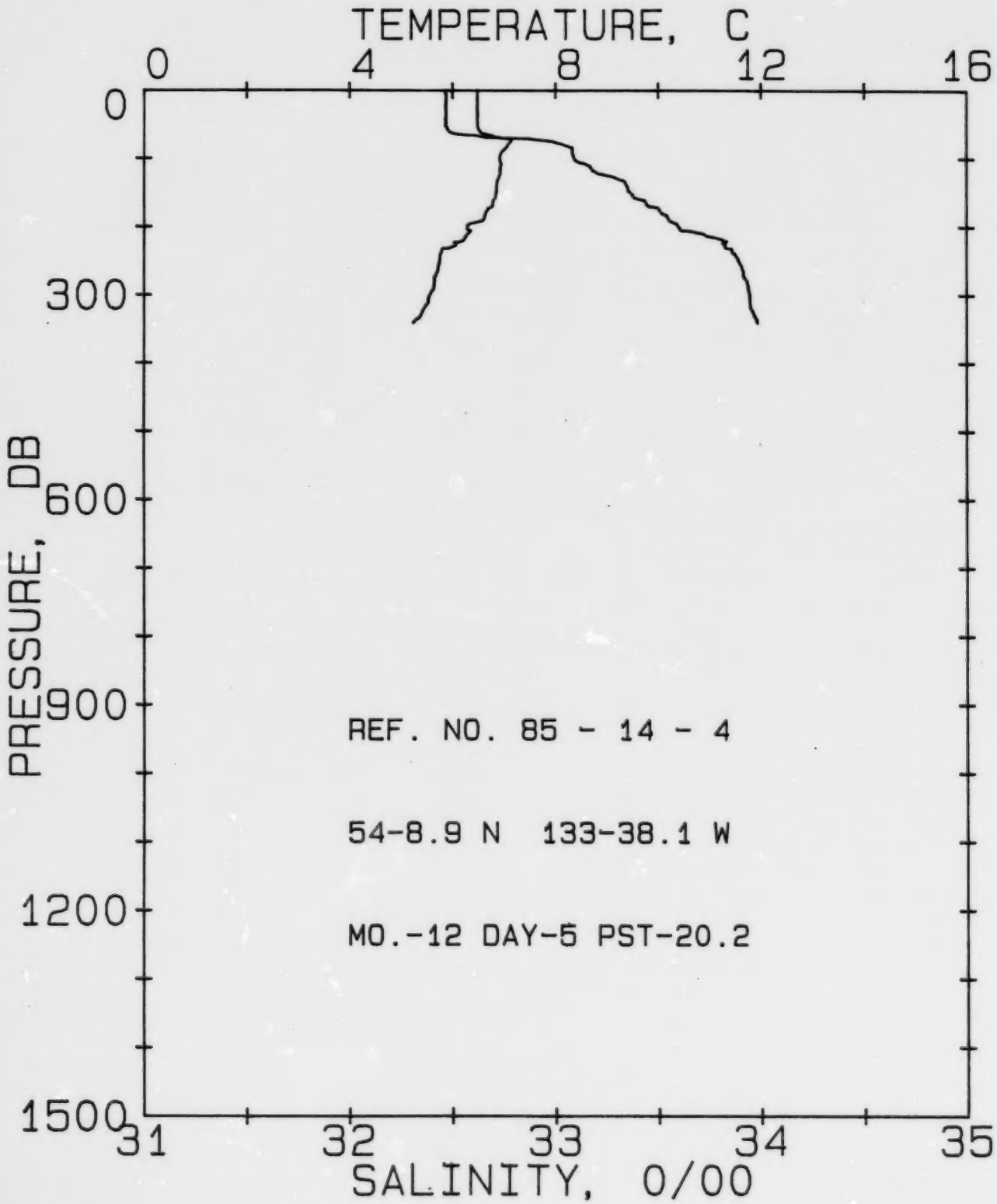
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 14 - 3
54-13.8 N 133-26.0 W
MO.-12 DAY-5 PST-18.9
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-14- 3 DATE 5/12/85
POSITION 54-13.8N, 133-26.0W PST 18.9 STATION HC15
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	6.58	32.48	0	25.51	247.7	.00	.00	1474.
10	6.57	32.48	10	25.51	247.8	.25	.01	1474.
20	6.57	32.48	20	25.51	247.9	.50	.05	1474.
30	6.57	32.48	30	25.51	248.3	.74	.11	1475.
50	6.59	32.48	50	25.52	248.1	1.24	.32	1475.
75	6.60	32.50	75	25.53	247.6	1.86	.71	1475.
100	6.66	32.58	99	25.59	242.1	2.47	1.25	1476.
125	6.70	32.65	124	25.63	238.2	3.07	1.94	1477.
150	6.75	32.72	149	25.68	233.9	3.66	2.77	1478.
175	6.90	32.84	174	25.76	227.0	4.24	3.73	1479.
200	6.81	33.03	199	25.92	212.1	4.80	4.79	1479.
225	6.33	33.62	223	26.44	162.6	5.27	5.82	1478.
250	6.12	33.74	248	26.57	150.9	5.66	6.76	1478.
300	5.84	33.91	298	26.73	135.8	6.37	8.74	1478.
400	5.46	33.96	397	26.82	128.6	7.70	13.47	1478.

DEEPEST MEASUREMENT:

402	5.46	33.96	399	26.82	128.4	7.72	13.58	1478.


TEMPERATURE, C
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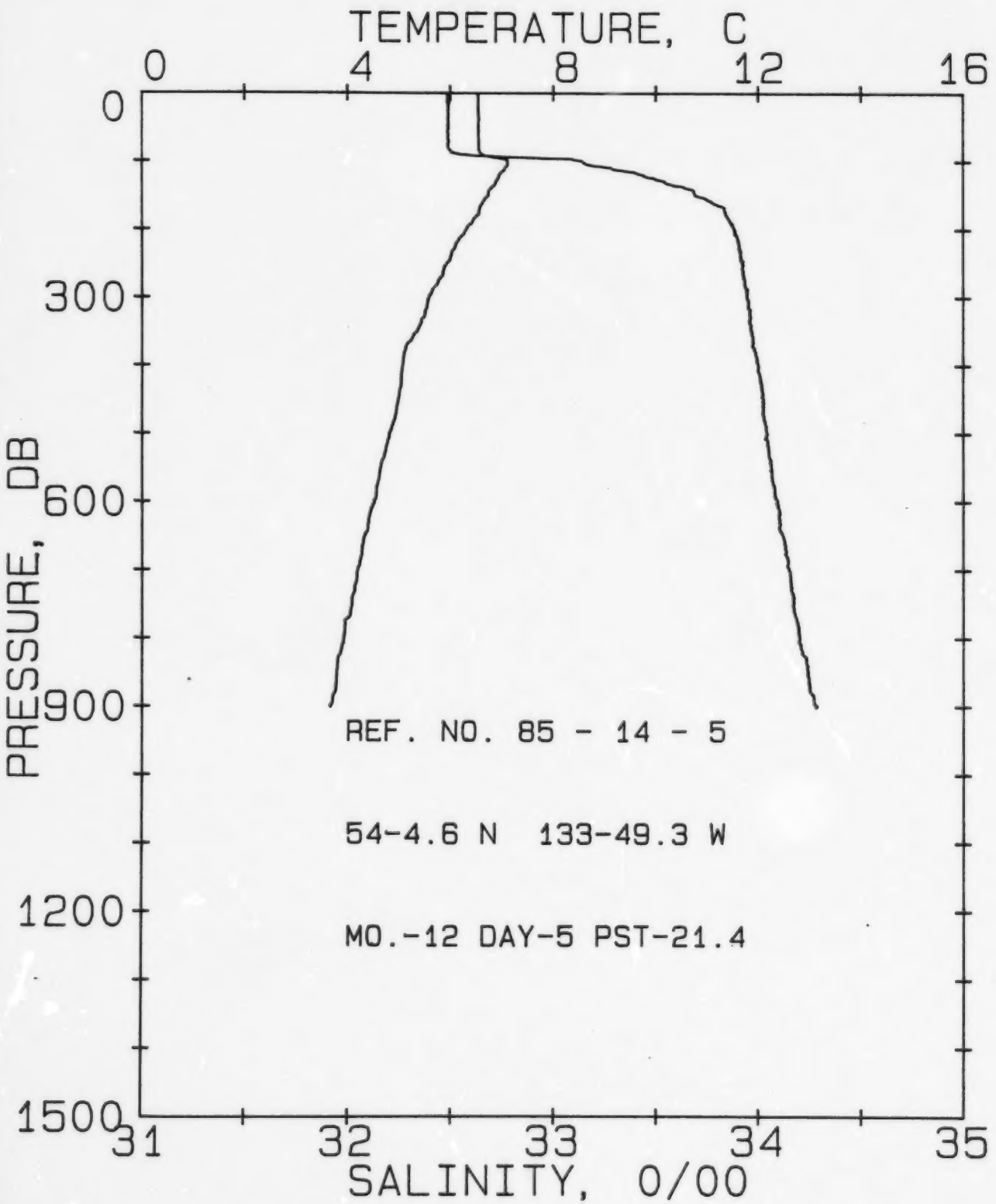
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 14 - 4
54-8.9 N 133-38.1 W
MO.-12 DAY-5 PST-20.2
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-14- 4 DATE 5/12/85
POSITION 54- 8.9N, 133-38.1W PST 20.2 STATION HC14
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	6.48	32.46	0	25.52	247.7	.00	.00	1474.
10	6.48	32.47	10	25.52	247.2	.25	.01	1474.
20	6.48	32.47	20	25.52	247.5	.49	.05	1474.
30	6.48	32.47	30	25.52	247.5	.74	.11	1474.
50	6.49	32.47	50	25.52	248.1	1.24	.32	1474.
75	7.13	32.98	75	25.84	217.9	1.84	.70	1478.
100	6.92	33.09	99	25.95	207.5	2.37	1.17	1478.
125	6.91	33.25	124	26.08	196.0	2.87	1.75	1478.
150	6.85	33.37	149	26.18	187.0	3.35	2.41	1479.
175	6.69	33.51	174	26.31	174.8	3.80	3.16	1479.
200	6.28	33.60	199	26.43	162.9	4.22	3.97	1478.
225	6.07	33.82	223	26.63	144.3	4.61	4.80	1477.
250	5.75	33.89	248	26.73	135.3	4.95	5.63	1477.
300	5.56	33.95	298	26.80	129.3	5.61	7.48	1477.
DEEPEST MEASUREMENT:								
341	5.23	33.98	338	26.87	123.1	6.13	9.17	1476.


TEMPERATURE, C
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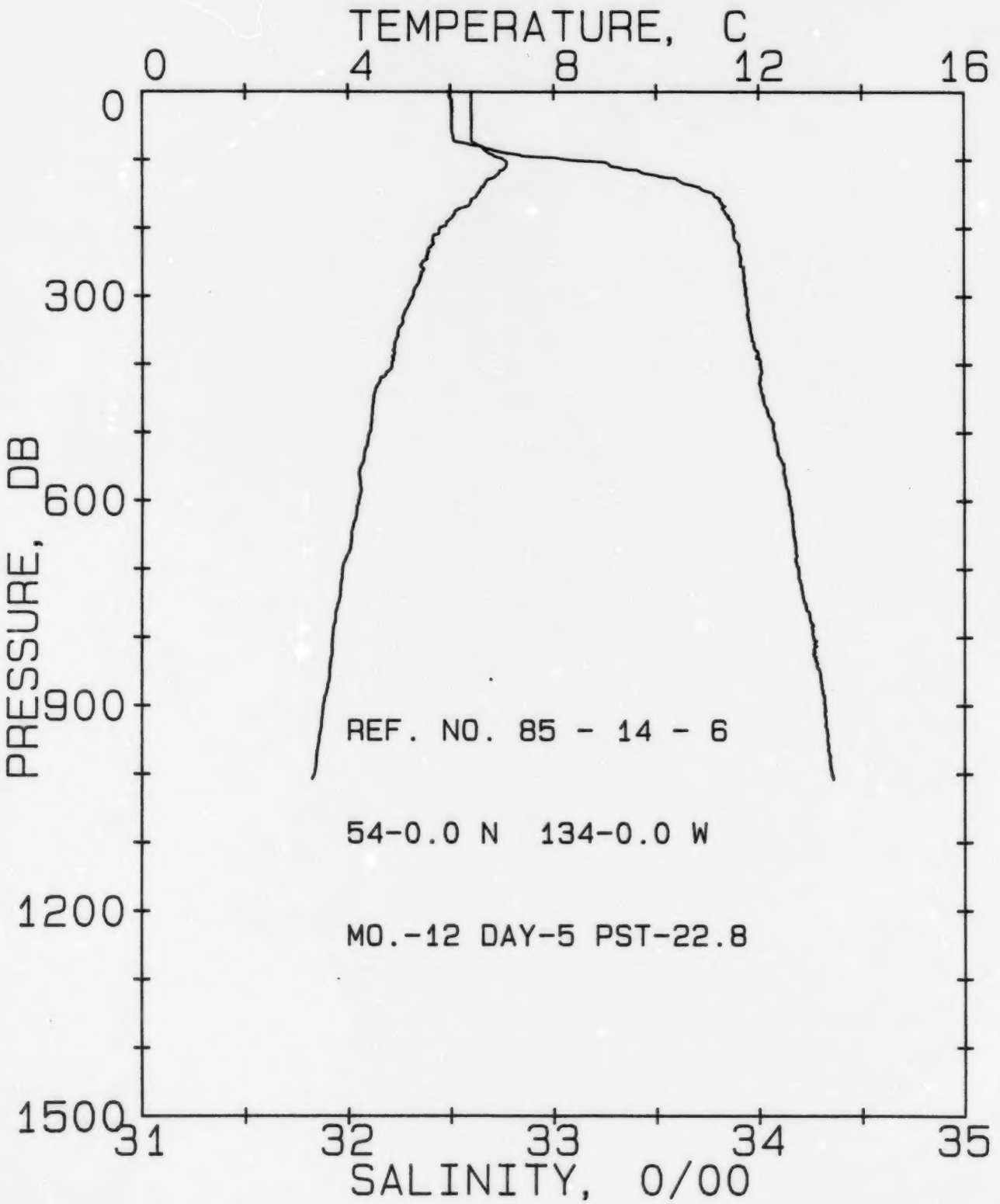
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 14 - 5
54-4.6 N 133-49.3 W
MO.-12 DAY-5 PST-21.4
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-14- 5 DATE 5/12/85
POSITION 54- 4.6N, 133-49.3W PST 21.4 STATION HC13
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	6.54	32.49	0	25.53	246.6	.00	.00	1474.
10	6.55	32.49	10	25.52	246.9	.25	.01	1474.
20	6.54	32.49	20	25.53	246.5	.49	.05	1474.
30	6.54	32.49	30	25.53	246.7	.74	.11	1474.
50	6.55	32.49	50	25.53	247.1	1.23	.31	1475.
75	6.55	32.49	75	25.53	247.6	1.85	.71	1475.
100	7.12	33.14	99	25.96	206.4	2.45	1.24	1479.
125	6.93	33.49	124	26.26	178.4	2.93	1.79	1479.
150	6.74	33.69	149	26.45	161.1	3.35	2.37	1479.
175	6.56	33.84	174	26.59	148.0	3.73	3.01	1479.
200	6.32	33.88	199	26.65	142.2	4.09	3.70	1478.
225	6.10	33.91	223	26.70	137.8	4.44	4.46	1478.
250	5.93	33.93	248	26.74	134.9	4.78	5.28	1477.
300	5.59	33.95	298	26.80	129.7	5.45	7.14	1477.
400	5.07	34.00	397	26.90	120.5	6.70	11.59	1476.
500	4.81	34.05	496	26.97	115.1	7.88	17.02	1477.
600	4.51	34.10	595	27.04	108.9	9.01	23.31	1478.
800	3.91	34.21	793	27.19	95.8	11.05	37.86	1479.
DEEPEST MEASUREMENT:								
901	3.65	34.28	892	27.28	87.7	11.98	45.87	1479.


TEMPERATURE, C
0
4
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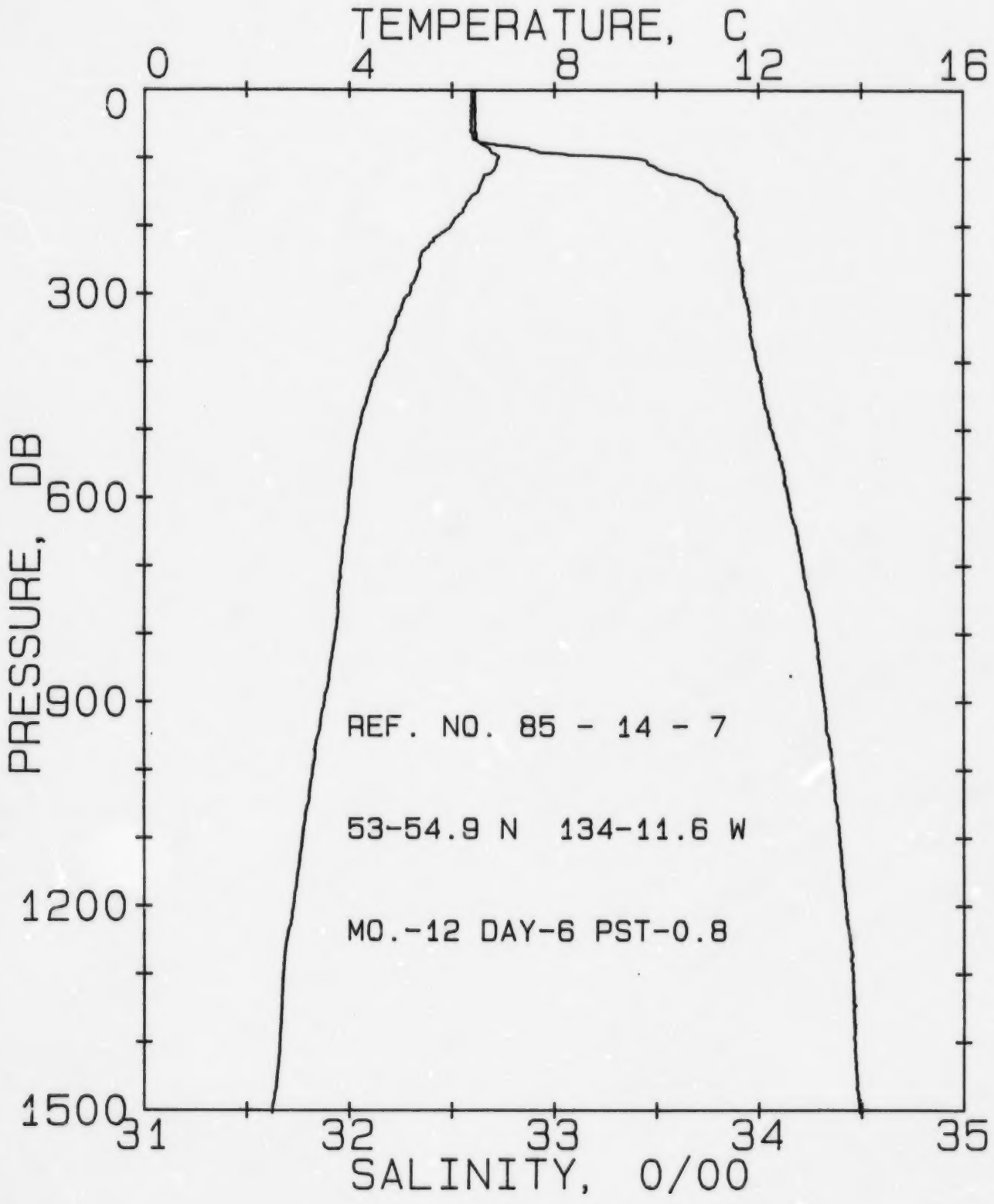
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 14 - 6
54-0.0 N 134-0.0 W
MO.-12 DAY-5 PST-22.8
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-14- 6 DATE 5/12/85
POSITION 54- .0N, 134- .0W PST 22.8 STATICN HC12
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	6.41	32.50	0	25.55	244.4	.00	.00	1473.
10	6.41	32.50	10	25.55	244.2	.24	.01	1474.
20	6.40	32.51	20	25.56	243.5	.49	.05	1474.
30	6.40	32.51	30	25.56	243.8	.73	.11	1474.
50	6.41	32.51	50	25.56	244.1	1.22	.31	1474.
75	6.46	32.56	75	25.59	241.1	1.83	.70	1475.
100	7.05	33.08	99	25.92	210.5	2.40	1.21	1478.
125	6.85	33.53	124	26.30	174.5	2.88	1.75	1479.
150	6.52	33.78	149	26.55	151.6	3.28	2.31	1478.
175	6.09	33.84	174	26.65	142.6	3.65	2.92	1477.
200	5.79	33.88	199	26.72	136.0	4.00	3.59	1476.
225	5.63	33.90	223	26.76	132.5	4.33	4.32	1476.
250	5.45	33.91	248	26.78	130.0	4.66	5.11	1475.
300	5.26	33.94	298	26.83	126.4	5.30	6.91	1476.
400	4.85	34.01	397	26.93	117.5	6.52	11.25	1476.
500	4.41	34.07	496	27.03	108.6	7.65	16.42	1475.
600	4.19	34.15	595	27.11	101.3	8.70	22.27	1476.
800	3.67	34.26	792	27.26	88.7	10.60	35.84	1478.
1000	3.33	34.35	990	27.36	79.8	12.29	51.22	1480.
DEEPEST MEASUREMENT:								
1008	3.28	34.36	998	27.37	78.7	12.35	51.87	1479.


TEMPERATURE, C
0
4
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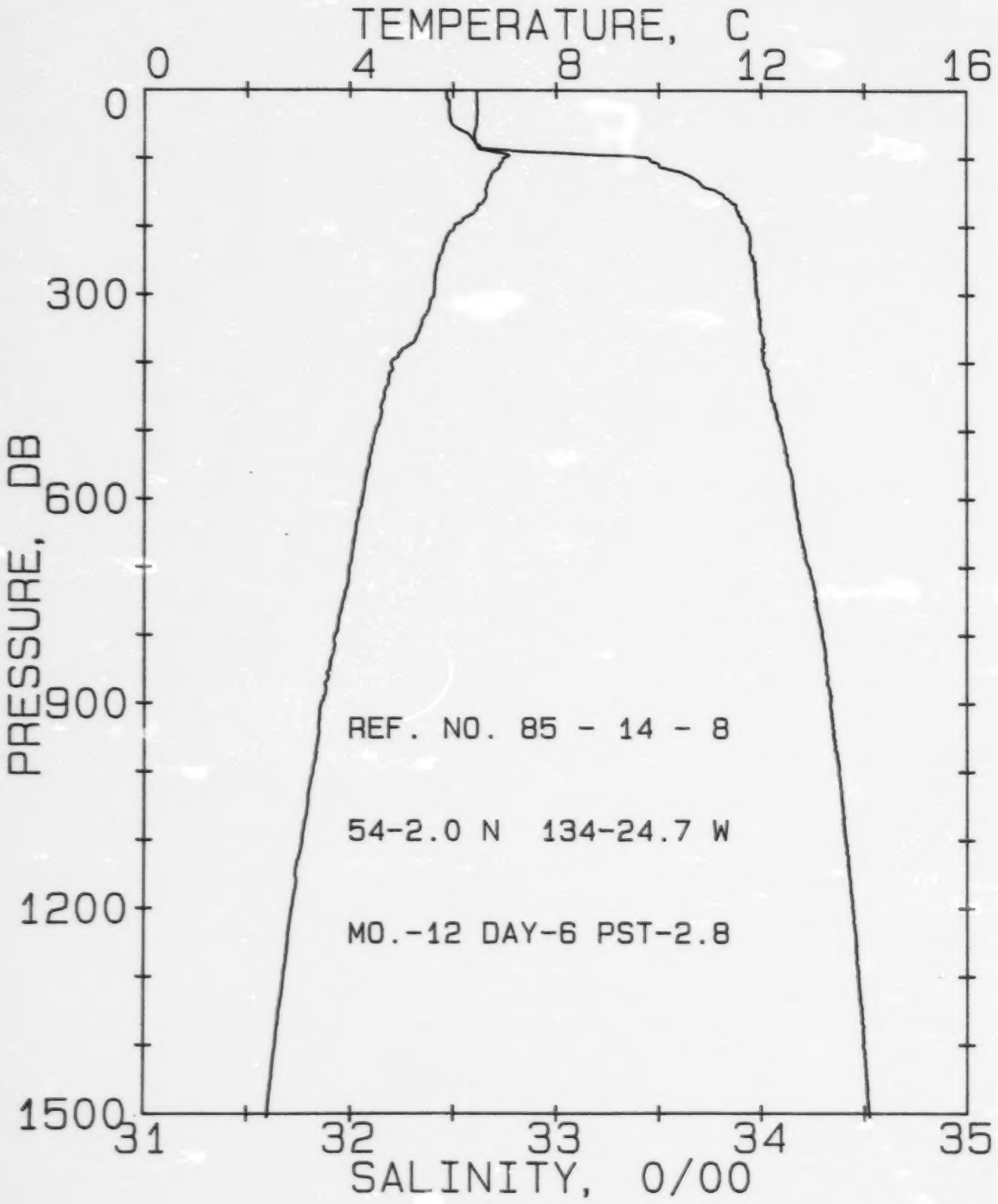
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 14 - 7
53-54.9 N 134-11.6 W
MO.-12 DAY-6 PST-0.8
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-14- 7 DATE 6/12/85
POSITION 53-54.9N, 134-11.6W PST .8 STATION HC11
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	6.45	32.60	0	25.62	237.3	.00	.00	1474.
10	6.45	32.60	10	25.62	237.4	.24	.01	1474.
20	6.44	32.60	20	25.62	237.5	.47	.05	1474.
30	6.45	32.60	30	25.62	237.7	.71	.11	1474.
50	6.45	32.60	50	25.62	238.0	1.19	.30	1475.
75	6.51	32.62	75	25.64	237.1	1.78	.68	1475.
100	6.92	33.36	99	26.16	187.5	2.33	1.17	1478.
125	6.63	33.61	124	26.39	166.0	2.77	1.67	1478.
150	6.51	33.77	149	26.54	152.2	3.17	2.23	1478.
175	6.22	33.87	174	26.65	141.8	3.53	2.83	1477.
200	5.98	33.89	199	26.70	137.4	3.88	3.49	1477.
225	5.57	33.90	223	26.76	132.3	4.22	4.22	1476.
250	5.37	33.91	248	26.79	129.5	4.54	5.01	1475.
300	5.17	33.93	298	26.83	125.8	5.18	6.80	1475.
400	4.59	33.99	397	26.94	115.8	6.39	11.09	1474.
500	4.16	34.06	496	27.05	106.6	7.50	16.18	1474.
600	3.97	34.15	595	27.13	99.2	8.52	21.91	1475.
800	3.71	34.28	792	27.27	87.9	10.39	35.19	1478.
1000	3.27	34.36	990	27.37	78.4	12.06	50.45	1479.
1200	2.90	34.42	1187	27.46	70.9	13.55	67.15	1481.
1500	2.49	34.49	1483	27.55	63.1	15.54	94.56	1484.

DEEPEST MEASUREMENT:

1504	2.48	34.49	1487	27.55	63.0	15.57	94.95	1484.


TEMPERATURE, C
0
4
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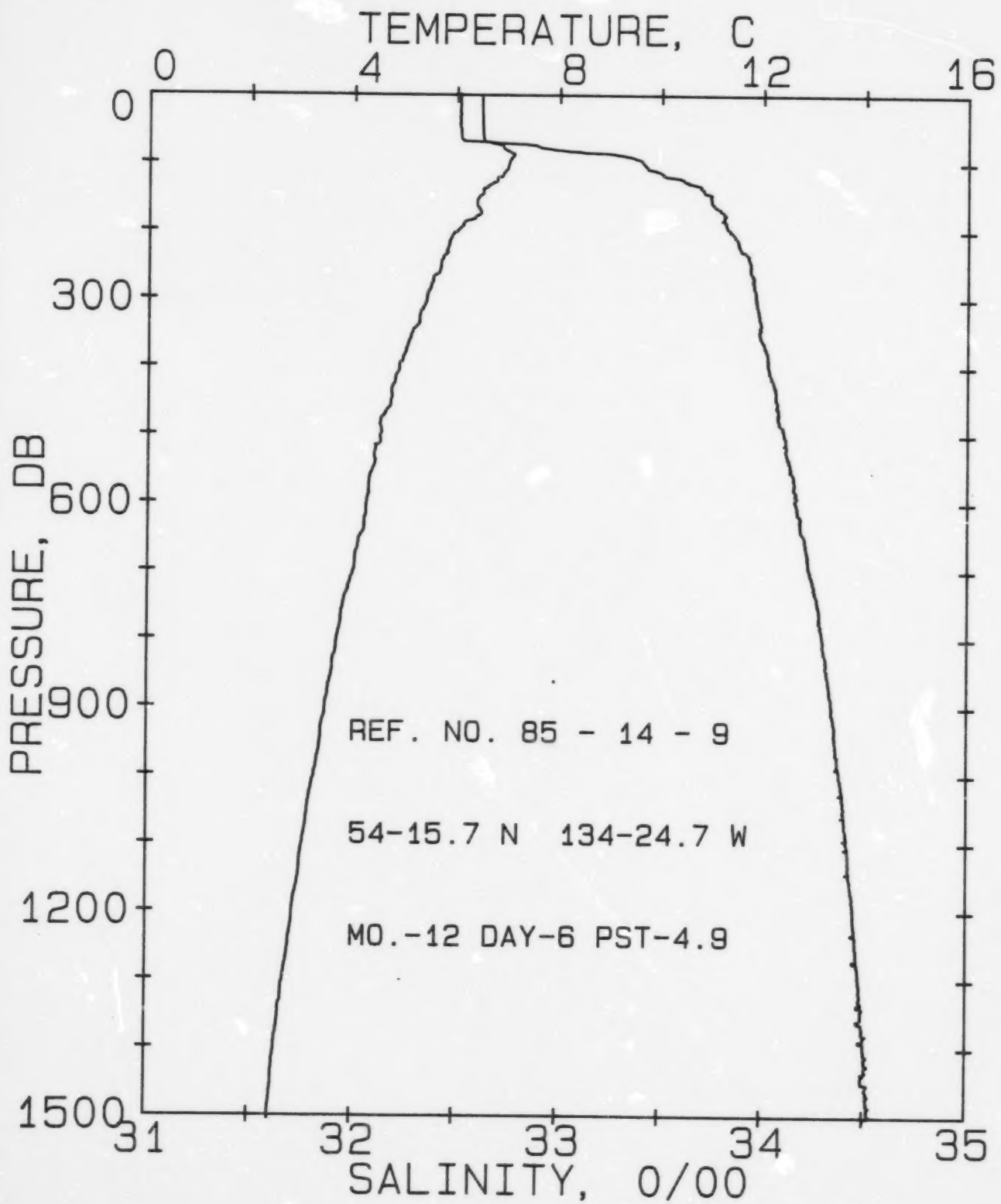
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 14 - 8
54-2.0 N 134-24.7 W
MO.-12 DAY-6 PST-2.8
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-14- 8 DATE 6/12/85
POSITION 54- 2.0N, 134-24.7W PST 2.8 STATION HC 9
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	6.46	32.47	0	25.52	246.8	.00	.00	1474.
10	6.46	32.47	10	25.52	247.1	.25	.01	1474.
20	6.46	32.48	20	25.53	246.1	.49	.05	1474.
30	6.47	32.48	30	25.53	246.6	.74	.11	1474.
50	6.46	32.50	50	25.54	245.5	1.23	.31	1474.
75	6.43	32.60	75	25.63	237.4	1.83	.70	1475.
100	6.97	33.46	99	26.23	181.1	2.39	1.19	1479.
125	6.74	33.65	124	26.41	164.1	2.82	1.68	1478.
150	6.64	33.80	149	26.54	152.3	3.22	2.24	1479.
175	6.46	33.88	174	26.63	144.1	3.59	2.85	1478.
200	6.02	33.93	199	26.73	135.1	3.94	3.52	1477.
225	5.82	33.95	223	26.77	131.7	4.27	4.24	1477.
250	5.72	33.96	248	26.79	129.6	4.60	5.03	1477.
300	5.63	33.98	298	26.81	127.9	5.24	6.83	1477.
400	4.79	34.02	397	26.94	116.2	6.47	11.20	1475.
500	4.50	34.10	496	27.04	107.8	7.59	16.35	1476.
600	4.23	34.16	595	27.12	100.8	8.63	22.17	1476.
800	3.69	34.29	792	27.28	86.6	10.51	35.51	1478.
1000	3.26	34.38	990	27.39	77.2	12.14	50.46	1479.
1200	2.85	34.44	1187	27.48	68.9	13.60	66.78	1481.
1500	2.39	34.52	1483	27.58	59.7	15.52	93.15	1484.

DEEPEST MEASUREMENT:

1505	2.38	34.52	1488	27.58	59.3	15.55	93.61	1484.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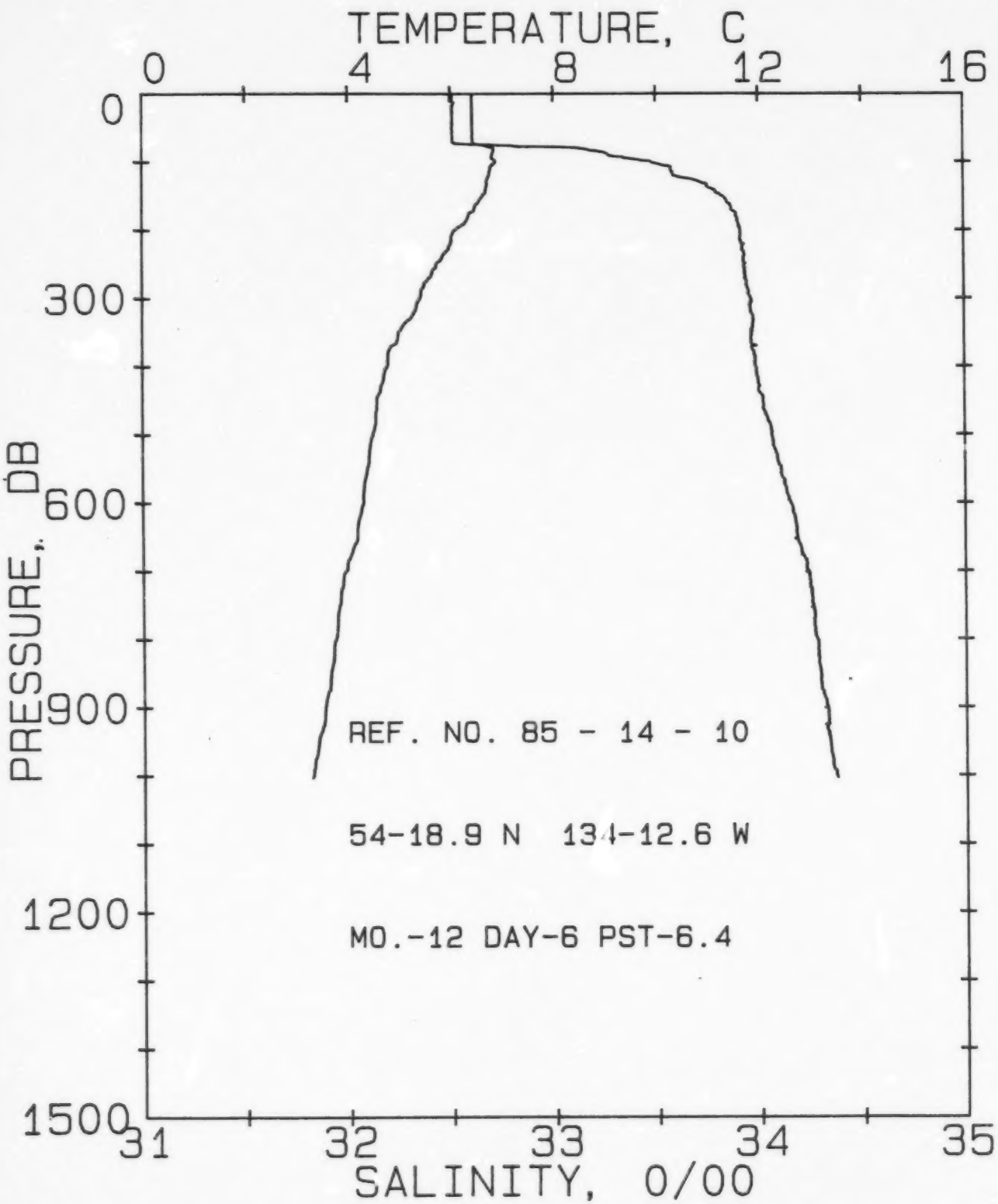
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 14 - 9
54-15.7 N 134-24.7 W
MO.-12 DAY-6 PST-4.9
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-14- 9 DATE 6/12/85
POSITION 54-15.7N, 134-24.7W PST 4.9 STATION HC 8
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	6.48	32.52	0	25.56	243.6	.00	.00	1474.
10	6.48	32.52	10	25.56	243.8	.24	.01	1474.
20	6.48	32.52	20	25.56	244.0	.49	.05	1474.
30	6.48	32.52	30	25.56	244.1	.73	.11	1474.
50	6.49	32.52	50	25.56	244.3	1.22	.31	1475.
75	6.89	32.89	75	25.80	221.8	1.82	.69	1477.
100	7.02	33.41	99	26.19	185.1	2.32	1.14	1479.
125	6.79	33.61	124	26.38	167.6	2.77	1.65	1478.
150	6.43	33.74	149	26.53	153.4	3.17	2.21	1478.
175	6.46	33.81	174	26.58	149.1	3.55	2.83	1478.
200	6.01	33.84	199	26.66	141.7	3.91	3.53	1477.
225	5.83	33.88	223	26.72	136.4	4.26	4.28	1477.
250	5.69	33.94	248	26.77	131.1	4.59	5.08	1476.
300	5.41	33.97	298	26.83	126.2	5.23	6.88	1476.
400	4.88	34.03	397	26.94	116.6	6.45	11.21	1476.
500	4.51	34.10	496	27.04	107.5	7.57	16.33	1476.
600	4.25	34.16	595	27.12	101.2	8.61	22.15	1477.
800	3.68	34.29	792	27.28	86.5	10.48	35.45	1478.
1000	3.26	34.38	990	27.39	77.0	12.11	50.39	1479.
1200	2.84	34.45	1187	27.48	68.3	13.56	66.61	1481.
1500	2.39	34.53	1483	27.59	58.7	15.47	92.79	1484.

DEEPEST MEASUREMENT:

1505	2.39	34.50	1488	27.56	61.0	15.50	93.25	1484.


TEMPERATURE, C
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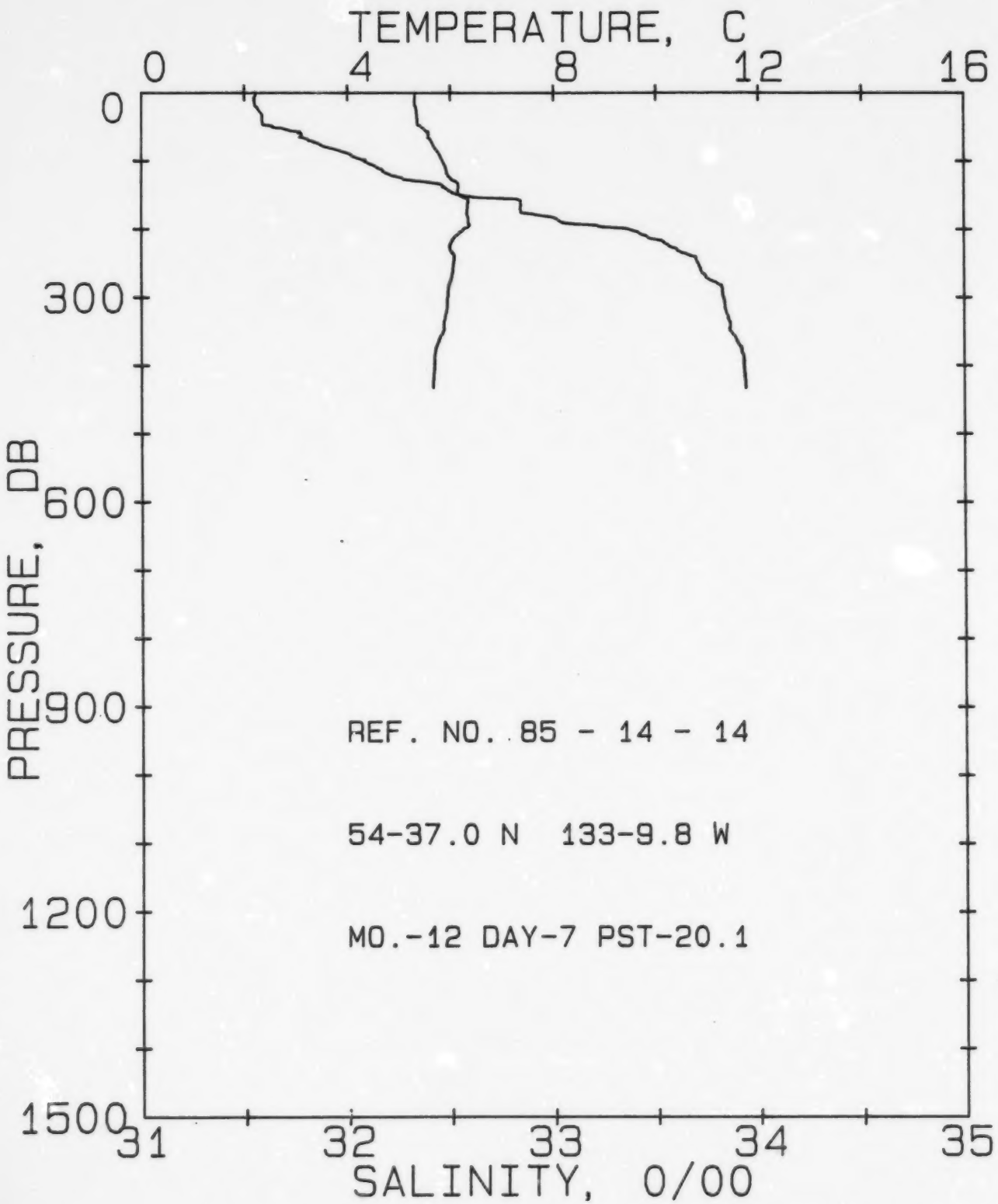
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 14 - 10
54-18.9 N 134-12.6 W
MO.-12 DAY-6 PST-6.4
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-14- 10 DATE 6/12/85
POSITION 54-18.9N, 134-12.6W PST 6.4 STATION HC 7
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	6.43	32.51	0	25.56	243.4	.00	.00	1474.
10	6.43	32.51	10	25.56	243.7	.24	.01	1474.
20	6.43	32.51	20	25.56	243.7	.49	.05	1474.
30	6.43	32.51	30	25.56	243.8	.73	.11	1474.
50	6.44	32.51	50	25.56	244.2	1.22	.31	1474.
75	6.63	32.69	75	25.67	233.6	1.83	.70	1476.
100	6.88	33.48	99	26.26	178.1	2.32	1.13	1478.
125	6.72	33.67	124	26.43	162.5	2.74	1.62	1478.
150	6.63	33.83	149	26.57	149.8	3.13	2.16	1478.
175	6.36	33.89	174	26.66	141.7	3.50	2.77	1478.
200	6.08	33.91	199	26.71	137.1	3.85	3.44	1477.
225	5.97	33.92	223	26.73	135.4	4.19	4.17	1477.
250	5.72	33.93	248	26.77	131.9	4.52	4.98	1477.
300	5.40	33.96	298	26.83	126.3	5.17	6.79	1476.
400	4.76	33.98	397	26.92	118.3	6.39	11.13	1475.
500	4.47	34.06	496	27.01	110.1	7.53	16.35	1476.
600	4.28	34.15	595	27.11	102.2	8.59	22.30	1477.
800	3.73	34.28	792	27.26	88.5	10.47	35.69	1478.
1000	3.29	34.37	990	27.38	78.3	12.15	51.02	1479.
DEEPEST MEASUREMENT:								
1003	3.26	34.37	993	27.38	77.5	12.17	51.26	1479.


TEMPERATURE, C
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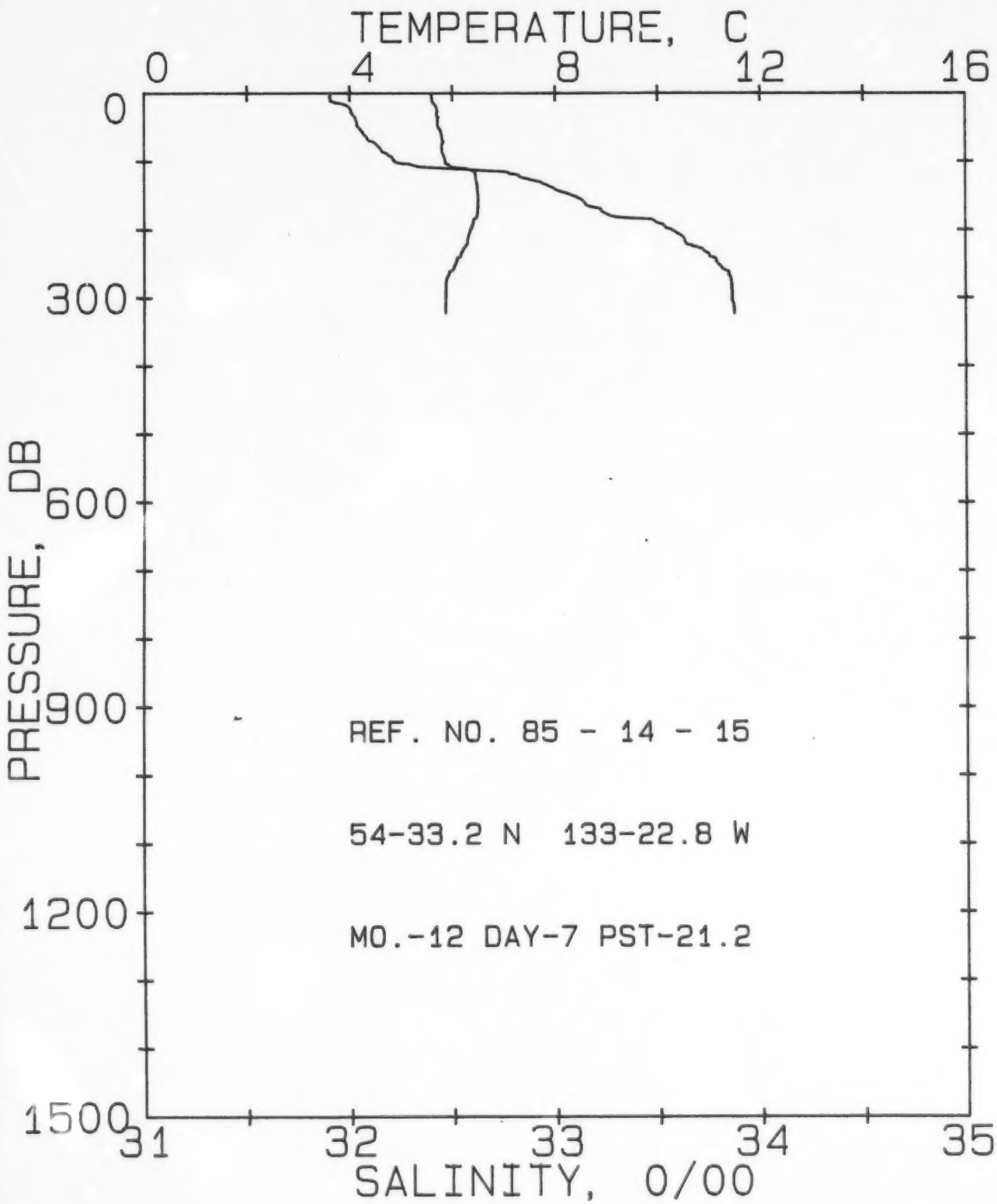
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 14 - 14
54-37.0 N 133-9.8 W
MO.-12 DAY-7 PST-20.1
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-14- 14 DATE 7/12/85
POSITION 54-37.0N, 133- 9.8W PST 20.1 STATION HC 2
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	5.31	31.56	0	24.94	302.4	.00	.00	1468.
10	5.31	31.55	10	24.94	302.8	.30	.02	1468.
20	5.33	31.56	20	24.94	302.7	.61	.06	1468.
30	5.35	31.58	30	24.96	301.0	.91	.14	1468.
50	5.43	31.64	50	24.99	298.1	1.51	.38	1469.
75	5.66	31.86	75	25.14	283.8	2.23	.84	1471.
100	5.85	32.08	99	25.29	270.0	2.92	1.46	1472.
125	6.01	32.27	124	25.42	258.1	3.58	2.22	1474.
150	6.18	32.55	149	25.62	239.1	4.20	3.08	1475.
175	6.32	32.84	174	25.83	219.4	4.76	4.00	1476.
200	6.25	33.37	199	26.26	179.7	5.27	4.97	1477.
225	5.99	33.57	223	26.44	162.2	5.69	5.89	1477.
250	6.06	33.71	248	26.55	152.8	6.09	6.84	1478.
300	5.95	33.83	298	26.66	142.8	6.82	8.90	1478.
400	5.69	33.93	397	26.77	133.7	8.21	13.83	1479.
DEEPEST MEASUREMENT:								
433	5.67	33.94	430	26.78	133.1	8.65	15.70	1479.


TEMPERATURE, C
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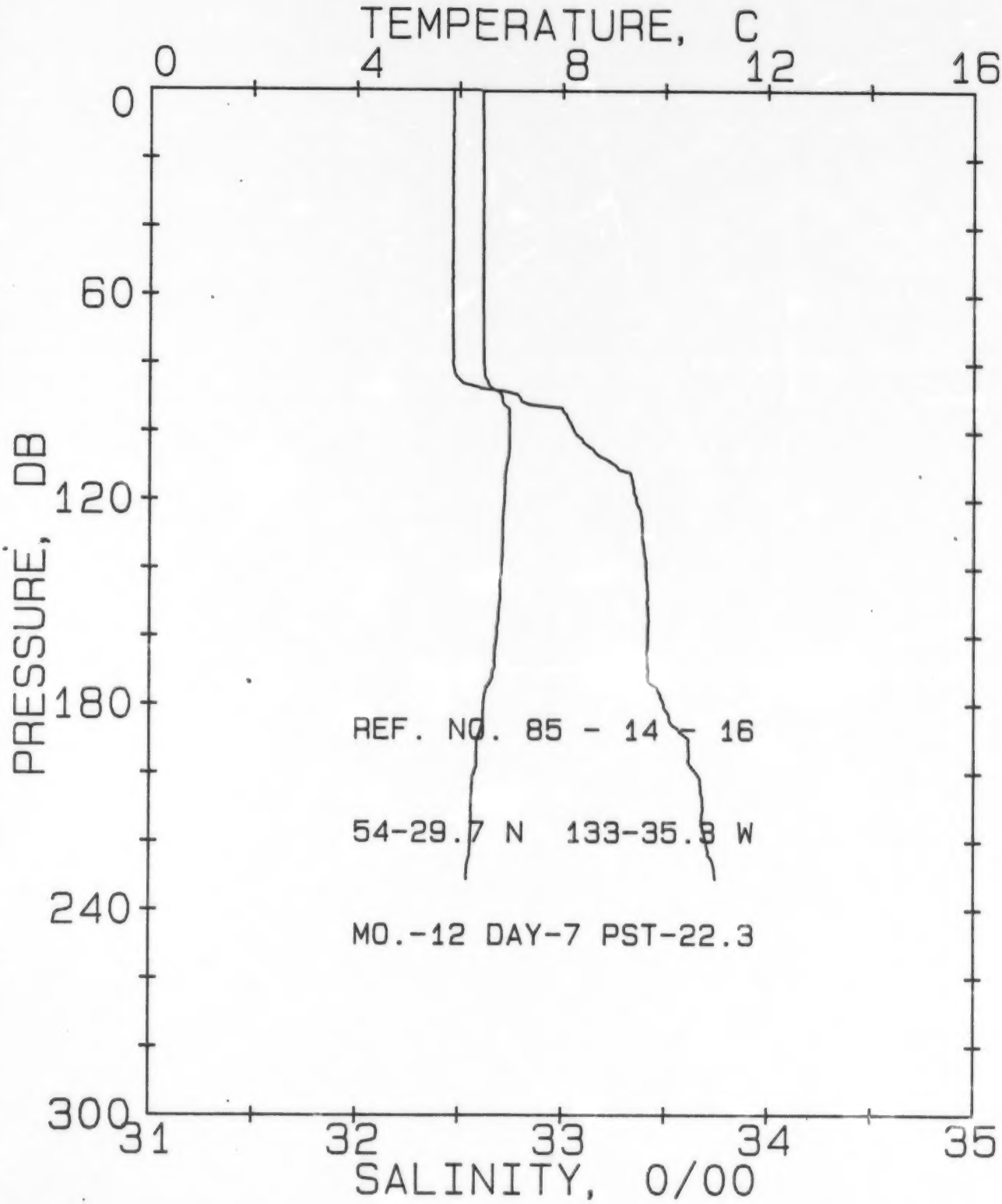
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 14 - 15
54-33.2 N 133-22.8 W
MO.-12 DAY-7 PST-21.2
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-14- 15 DATE 7/12/85
POSITION 54-33.2N, 133-22.8W PST 21.2 STATION HC 3
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	5.60	31.91	0	25.18	279.1	.00	.00	1469.
10	5.61	31.91	10	25.18	279.4	.28	.01	1470.
20	5.70	32.00	20	25.25	273.5	.56	.06	1470.
30	5.70	32.01	30	25.26	272.5	.83	.13	1470.
50	5.73	32.04	50	25.28	270.8	1.37	.35	1471.
75	5.80	32.13	75	25.34	265.4	2.04	.77	1472.
100	5.87	32.22	99	25.40	259.7	2.70	1.36	1472.
125	6.45	32.85	124	25.83	219.7	3.30	2.04	1476.
150	6.50	33.09	149	26.00	203.4	3.82	2.78	1477.
175	6.49	33.24	174	26.12	192.3	4.32	3.60	1478.
200	6.35	33.57	199	26.40	166.0	4.76	4.44	1478.
225	6.26	33.68	223	26.50	156.8	5.16	5.32	1478.
250	6.07	33.80	248	26.62	146.2	5.54	6.22	1478.
300	5.87	33.86	298	26.69	139.4	6.24	8.19	1478.
DEEPEST MEASUREMENT:								
323	5.86	33.88	321	26.70	138.7	6.56	9.21	1478.


TEMPERATURE, C
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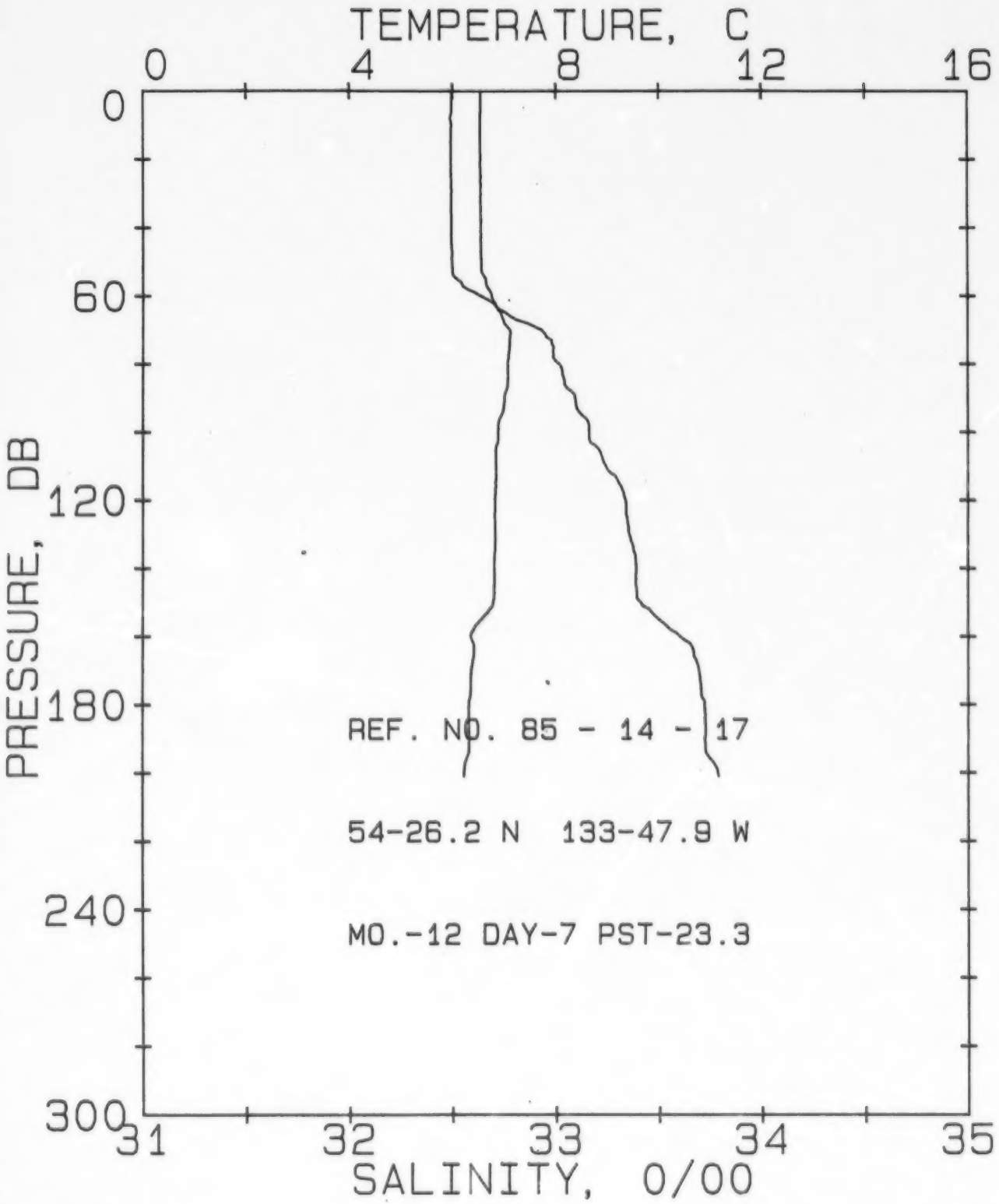
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 14 - 16
54-29.7 N 133-35.8 W
MO.-12 DAY-7 PST-22.3
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-14- 16 DATE 7/12/85
POSITION 54-29.7N, 133-35.3W PST 22.3 STATION HC 4
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	6.44	32.47	0	25.53	246.7	.00	.00	1474.
10	6.45	32.47	10	25.52	246.9	.25	.01	1474.
20	6.46	32.47	20	25.52	247.2	.49	.05	1474.
30	6.46	32.47	30	25.52	247.3	.74	.11	1474.
50	6.46	32.47	50	25.52	247.6	1.24	.32	1474.
75	6.47	32.47	75	25.52	247.7	1.86	.71	1475.
100	6.98	33.06	99	25.92	210.5	2.44	1.23	1478.
125	6.86	33.39	124	26.19	185.0	2.92	1.78	1478.
150	6.80	33.41	149	26.22	182.8	3.38	2.43	1479.
175	6.54	33.46	174	26.29	175.9	3.84	3.18	1478.
200	6.30	33.66	199	26.48	158.9	4.25	3.97	1478.
225	6.20	33.73	223	26.55	152.7	4.64	4.82	1478.
DEEPEST MEASUREMENT:								
231	6.15	33.75	229	26.57	150.6	4.74	5.03	1478.


TEMPERATURE, C
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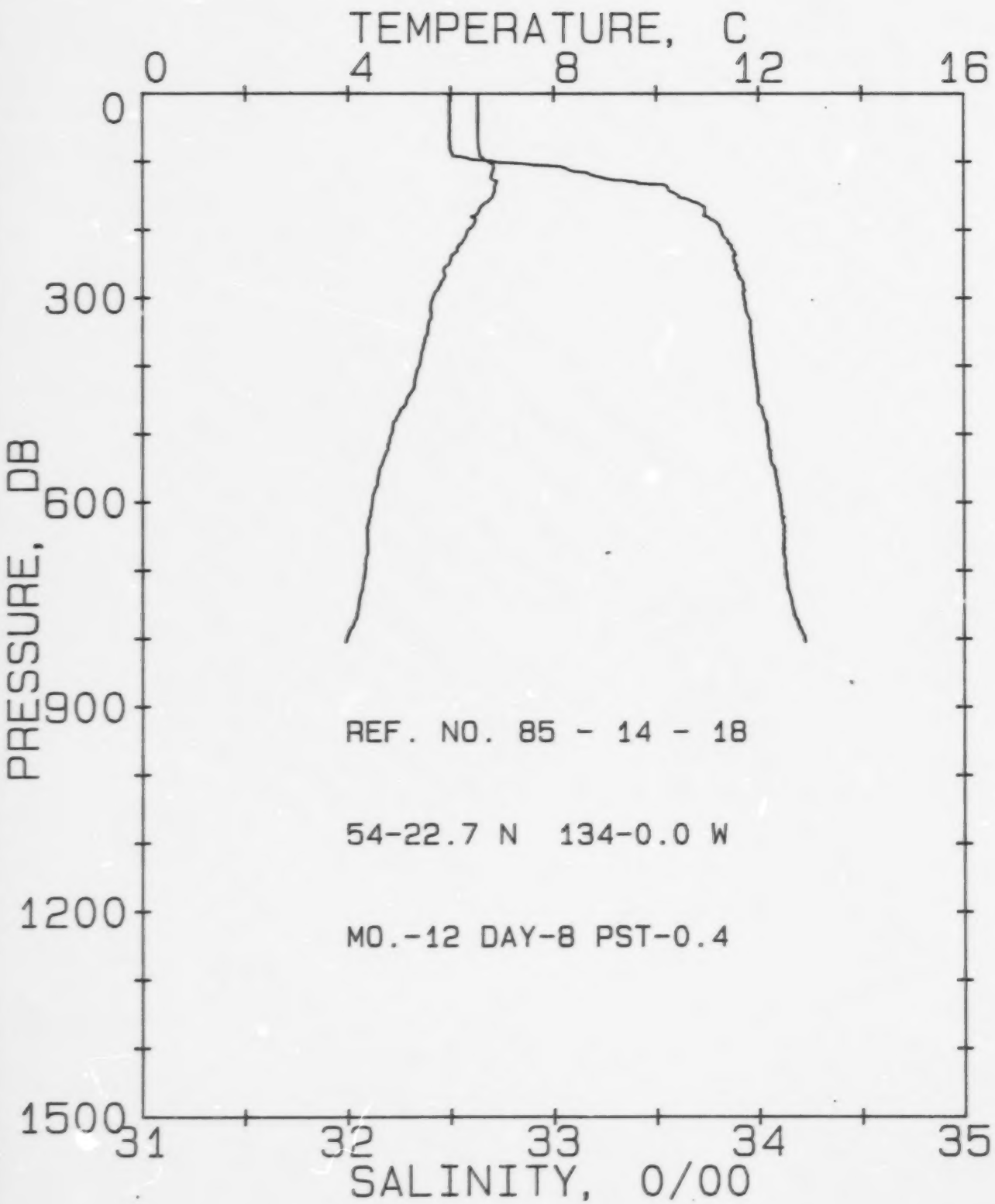
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 85 - 14 - 17
54-26.2 N 133-47.9 W
MO.-12 DAY-7 PST-23.3
31
32
33
34
35
SALINITY, 0/00

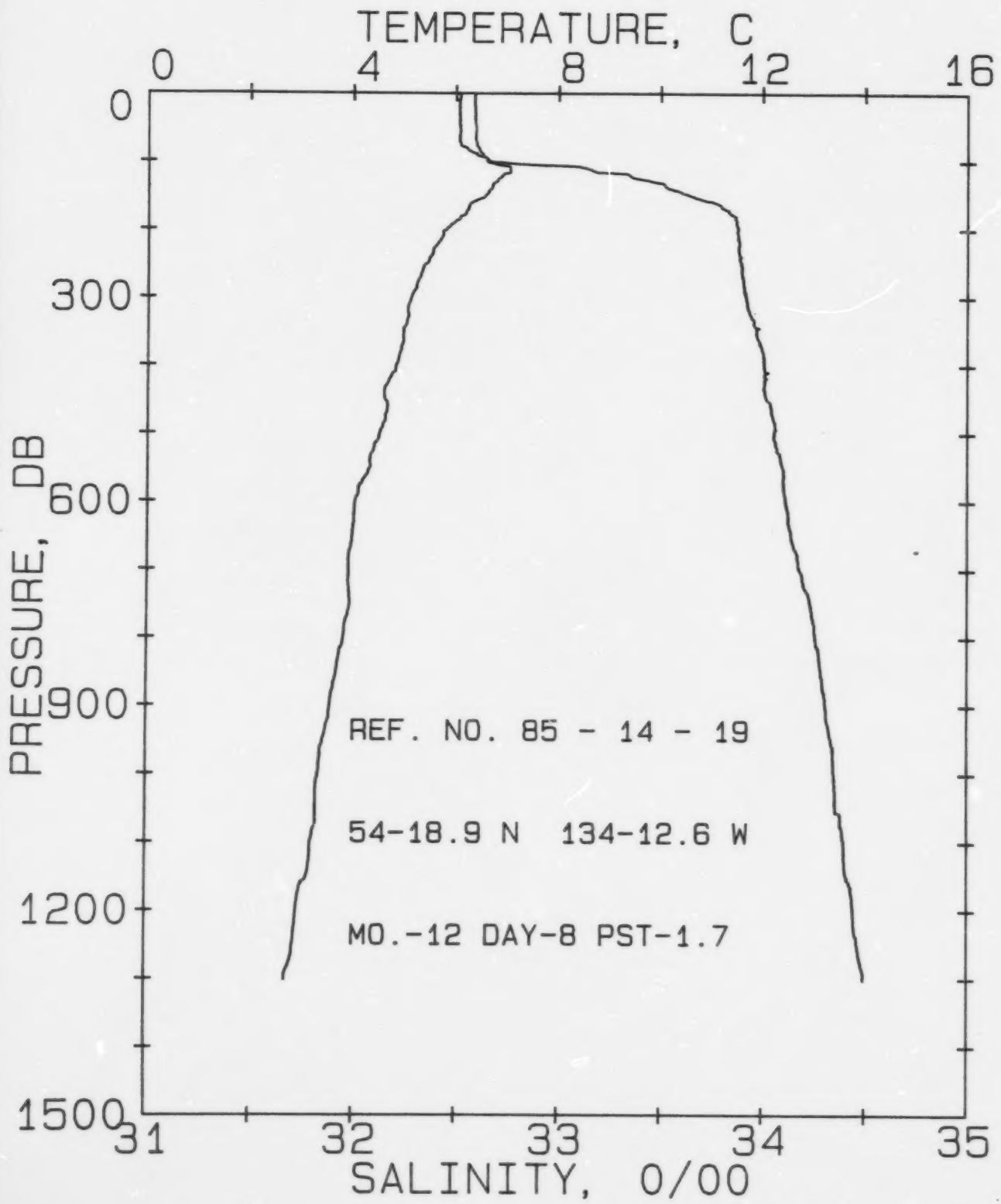
OCEAN PHYSICS DIVISION
REFERENCE NO. 85-14- 17 DATE 7/12/85
POSITION 54-26.2N, 133-47.9W PST 23.3 STATION HC 5
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	6.55	32.50	0	25.53	245.9	.00	.00	1474.
10	6.54	32.50	10	25.53	246.0	.25	.01	1474.
20	6.54	32.49	20	25.53	246.4	.49	.05	1474.
30	6.54	32.49	30	25.53	246.5	.74	.11	1474.
50	6.55	32.50	50	25.53	246.4	1.23	.31	1475.
75	7.10	32.99	75	25.85	217.2	1.82	.68	1478.
100	6.88	33.16	99	26.01	201.9	2.34	1.15	1478.
125	6.81	33.35	124	26.17	187.6	2.83	1.71	1478.
150	6.78	33.41	149	26.22	182.7	3.29	2.36	1479.
175	6.34	33.71	174	26.51	155.4	3.70	3.03	1478.
200	6.21	33.79	199	26.59	148.0	4.08	3.76	1478.
DEEPEST MEASUREMENT:								
201	6.20	33.79	200	26.60	147.7	4.10	3.79	1478.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 14 - 18
54-22.7 N 134-0.0 W
MO.-12 DAY-8 PST-0.4
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-14- 18 DATE 8/12/85
POSITION 54-22.7N, 134- .0W PST .4 STATION HC 6
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	6.53	32.49	0	25.53	246.0	.00	.00	1474.
10	6.52	32.50	10	25.54	245.9	.25	.01	1474.
20	6.53	32.50	20	25.53	246.1	.49	.05	1474.
30	6.53	32.49	30	25.53	246.3	.74	.11	1474.
50	6.53	32.50	50	25.53	246.4	1.23	.31	1475.
75	6.54	32.50	75	25.53	246.8	1.85	.71	1475.
100	6.73	32.71	99	25.68	233.3	2.46	1.25	1477.
125	6.78	33.25	124	26.09	194.3	2.98	1.85	1478.
150	6.82	33.61	149	26.37	168.3	3.42	2.46	1479.
175	6.53	33.74	174	26.51	155.2	3.82	3.13	1478.
200	6.34	33.82	199	26.60	147.5	4.20	3.85	1478.
225	6.15	33.87	223	26.66	141.4	4.56	4.63	1478.
250	5.97	33.89	248	26.70	138.4	4.91	5.48	1478.
300	5.65	33.93	298	26.77	131.8	5.59	7.36	1477.
400	5.38	33.98	397	26.84	126.0	6.87	11.95	1478.
500	4.84	34.04	496	26.96	115.8	8.09	17.50	1477.
600	4.46	34.11	595	27.05	107.8	9.20	23.76	1477.
800	3.97	34.22	793	27.19	95.2	11.28	38.54	1479.
DEEPEST MEASUREMENT:								
805	3.95	34.23	797	27.20	94.8	11.33	38.93	1479.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 85 - 14 - 19
54-18.9 N 134-12.6 W
MO.-12 DAY-8 PST-1.7
31
32
33
34
35
SALINITY, 0/00

OCEAN PHYSICS DIVISION
REFERENCE NO. 85-14- 19 DATE 8/12/85
POSITION 54-18.9N, 134-12.6W PST 1.7 STATION HC 7
RESULTS OF STP CAST
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	6.36	32.52	0	25.58	241.8	.00	.00	1473.
10	6.36	32.52	10	25.58	242.0	.24	.01	1473.
20	6.36	32.52	20	25.57	242.5	.48	.05	1474.
30	6.37	32.52	30	25.57	242.6	.73	.11	1474.
50	6.38	32.52	50	25.57	243.0	1.21	.31	1474.
75	6.40	32.52	75	25.57	243.0	1.82	.70	1475.
100	6.60	32.66	99	25.66	235.4	2.42	1.23	1476.
125	6.85	33.37	124	26.18	185.9	2.93	1.82	1478.
150	6.58	33.64	149	26.43	162.7	3.37	2.42	1478.
175	6.20	33.84	174	26.63	144.1	3.74	3.05	1477.
200	5.83	33.88	199	26.72	136.2	4.09	3.71	1476.
225	5.60	33.88	223	26.74	133.8	4.43	4.44	1476.
250	5.44	33.90	248	26.77	131.2	4.76	5.24	1475.
300	5.13	33.92	298	26.83	126.3	5.40	7.05	1475.
400	4.84	34.01	397	26.93	117.3	6.62	11.37	1476.
500	4.52	34.06	496	27.01	110.9	7.76	16.60	1476.
600	4.04	34.11	595	27.10	102.5	8.82	22.55	1476.
800	3.81	34.26	792	27.24	90.6	10.76	36.28	1478.
1000	3.32	34.35	990	27.36	79.6	12.45	51.77	1479.
1200	2.92	34.44	1187	27.47	69.6	13.96	68.67	1481.
DEEPEST MEASUREMENT:								
1302	2.70	34.49	1288	27.53	64.1	14.64	77.35	1482.